

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK <b>DRILL</b> <input type="checkbox"/> <b>DEEPEN</b> <input checked="" type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>U-74826</b>	
1b. TYPE OF WELL OIL <input type="checkbox"/> GAS <input type="checkbox"/> SINGLE <input type="checkbox"/> MULTIPLE <input type="checkbox"/> WELL <input checked="" type="checkbox"/> WELL <input type="checkbox"/> OTHER <input type="checkbox"/> ZONE <input type="checkbox"/> ZONE <input type="checkbox"/>		6. IF INDIAN, ALOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR <b>Inland Production Company</b>		7. UNIT AGREEMENT NAME <b>Ashley Unit</b>	
3. ADDRESS OF OPERATOR <b>P.O. Box 790233 Vernal, UT 84079</b> Phone: <b>(801) 789-1866</b>		8. FARM OR LEASE NAME <b>Ashley Federal</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At Surface <b>NW/SE</b> At proposed Prod. Zone <b>1945' FSL &amp; 1781' FEL</b>		9. WELL NO. <b>#10-1</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>11.9 Miles southwest of Myton, Utah</b>		10. FIELD AND POOL OR WILDCAT <b>Ashley</b>	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) <b>1781'</b>	16. NO. OF ACRES IN LEASE <b>2189.98</b>	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 1, T9S, R15E</b>	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. <b>1226'</b>	19. PROPOSED DEPTH <b>6500'</b>	12. County <b>Duchesne</b>	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5921' GR</b>		13. STATE <b>UT</b>	
22. APPROX. DATE WORK WILL START* <b>2nd Quarter 1997</b>		17. NO. OF ACRES ASSIGNED TO THIS WELL <b>40</b>	
20. ROTARY OR CABLE TOOLS <b>Rotary</b>			
23. PROPOSED CASING AND CEMENTING PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH
<b>12 1/4"</b>	<b>8 5/8"</b>	<b>24#</b>	<b>300'</b>
<b>7 7/8"</b>	<b>5 1/2"</b>	<b>15.5#</b>	<b>TD</b>
		QUANTITY OF CEMENT	
		<b>120 sx</b>	
		<b>400 sx followed by 330 sx</b>	
		<b>See Detail Below</b>	

The actual cement volumes will be calculated off of the open hole logs, plus 15% excess.

SURFACE PIPE - Premium Plus Cement, w/ 2% CaCl<sub>2</sub>, 1/4# Flocele/skWeight: 14.8 PPG YIELD: 1.37 Cu Ft/sk H<sub>2</sub>O Req: 6.4 Gal/sk

## LONG STRING - Lead: Hibond 65 Modified

Weight: 11.0 PPG YIELD: 3.00 Cu Ft/sk H<sub>2</sub>O Req: 18.08 Gal/sk

## Tail: Premium Plus Thixotropic

Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H<sub>2</sub>O Req: 7.88 Gal/sk

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.

If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

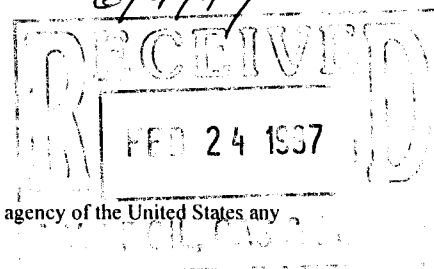
24. SIGNED Brad Mecham TITLE District Manager DATE 2/11/97  
**Brad Mecham**

(This space for Federal or State office use)

PERMIT NO. 43-013-31825 APPROVAL DATE \_\_\_\_\_Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
CONDITIONS OF APPROVAL, IF ANY:John R. BayaPetroleum Engineer6/4/97

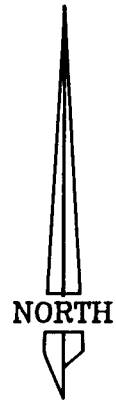
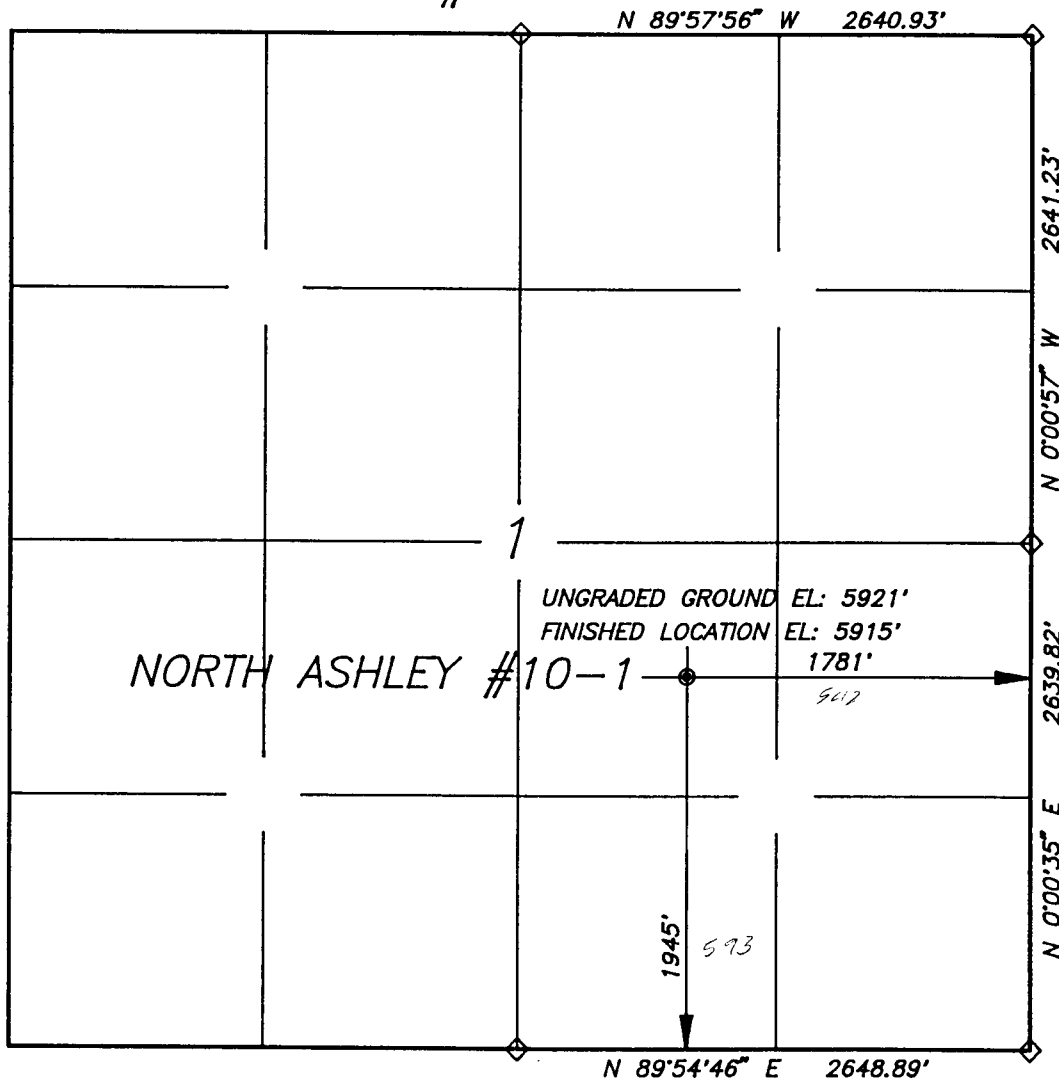
\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



# INLAND PRODUCTION CO. WELL LOCATION PLAT NORTH ASHLEY #10-1

LOCATED IN THE NW1/4 OF THE SE1/4  
SECTION 1, T9S, R15E, S.L.B.&M.



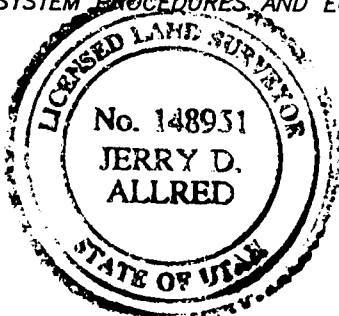
SCALE: 1" = 1000'

## LEGEND AND NOTES

- ◇ ORIGINAL CORNER MONUMENTS FOUND AND USED BY THIS SURVEY.

THE GENERAL LAND OFFICE (G.L.O.) PLAT WAS USED FOR REFERENCE AND CALCULATIONS, AS WAS THE U.S.G.S. QUADRANGLE MAP.

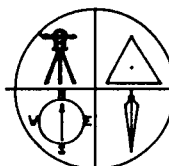
THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT.



## SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY PERFORMED BY ME, DURING WHICH THE SHOWN MONUMENTS WERE FOUND OR ESTABLISHED.

*Jerry D. Allred*  
JERRY D. ALLRED, REGISTERED LAND SURVEYOR,  
CERTIFICATE NO. 148931 (UTAH)



**JERRY D. ALLRED & ASSOCIATES**  
SURVEYING CONSULTANTS  
121 NORTH CENTER STREET  
P.O. BOX 975  
DUCHESNE, UTAH 84021  
(801)-738-5352

9 DEC 1996

84-121-070

**INLAND PRODUCTION COMPANY  
ASHLEY FEDERAL #10-1  
NW/SE SECTION 1, T9S, R15E  
DUCHESNE COUNTY, UTAH**

**TEN POINT WELL PROGRAM**

**1. GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

**2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' - 3050'
Green River	3050'
Wasatch	6600'

**3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation 3050' - 6600' - & Oil

**4. PROPOSED CASING PROGRAM**

8 5/8", J-55, 24# w/ ST&C collars; set at 300' KB (New)  
5 1/2" J-55, 15.5# w/ LT&C collars/ set at TD (New)

**5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The operators minimum specifications for pressure control equipment are as follows:

A 8" Series 900 Annular Bag type BOP and a 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOPS's will be checked daily.

(See Exhibit F)

**6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

The well will be drilled with fresh water through the Uinta Formation. From the top of the Green River Formation @ 3050'  $\pm$ , to TD, a fresh water/polymer system will be utilized. If necessary to control formation fluids, the system will be weighted with the addition of bentonite gel, and if conditions warrant, barite. Clay inhibition will be achieved with additions of 5 lb. - 8 lb. per barrel of DAP (Di-Ammonium Phosphate, commonly known as fertilizer). This fresh water system will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride chrometes will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg and weighted as necessary for gas control.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

No drill stem testing has been scheduled for this well. It is anticipated at this time that the logging will consist of a Dual Induction Laterolog, Gamma Ray/Caliber from TD to base of surface casing @ 300'  $\pm$ , and a Compensated Neutron-Formation Density Log. Logs will run from TD to 3500'  $\pm$ . The cement bond log will be run from PBTD to cement top. An automated mud logging system will be utilized while drilling to monitor and record penetration rate, and relative gas concentration, in the fluid system.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H<sub>2</sub>S will be encountered in this area.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the second quarter of 1997, and take approximately six days to drill.



**INLAND PRODUCTION COMPANY  
ASHLEY FEDERAL #10-1  
NW/SE SECTION 1, T9S, R15E  
DUCHESNE COUNTY, UTAH**

**THIRTEEN POINT WELL PROGRAM**

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Inland Production Company well location site Ashley Federal #10-1 located in the NW 1/4 SE 1/4 Section 1, T9S, R15E, S.L.B. 7 M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.5 miles  $\pm$  to the junction of this highway and Utah State Highway 53; proceed southerly along Utah State Highway 53 - 1.7 miles to its junction with an existing paved road to the southwest; proceed southwesterly along this road 4.6 miles to the junction of an existing dirt road to the southwest; proceed southwesterly along this road 2.8 miles to the junction of an existing dirt road to the southeast; proceed southeasterly 2.8 miles to the beginning of the proposed access road, to be discussed in Item #2.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 53 ends, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County Crews.

The aforementioned dirt oilfield service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads required for access during the drilling, completion and production phase will be maintained at the standards required by the BLM or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

**2. PLANNED ACCESS ROAD**

See Topographic Map "B".

The planned access road leaves the existing location described in Item #1 in the NE 1/4 SE 1/4 Section 1, T9S, R15E, S.L.B., and proceeds in a westerly direction approximately 1100'  $\pm$ , to the proposed location site.

The planned access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road where is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

## ASHLEY FEDERAL #10-1

There will be no culverts required along this access road. There will be no water turnouts constructed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

### 3. LOCATION OF EXISTING WELLS

There is one (1) oil producing well, and one P&A Dalen well, within a one (1) mile radius of this well. See Exhibit "D".

### 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery the well pad will be surrounded by a dike of sufficient capacity to contain at minimum the entire contents of the largest tank within the facility battery.

Tank batteries will be built to BLM specifications.

All permanent (on site for six (6) months or longer) structures constructed or installed (including pumping units) will be painted Desert Tan. All facilities will be painted within six months of installation.

### 5. LOCATION AND TYPE OF WATER SUPPLY

Inland Production Company has purchased a 3" water connection with Johnson Water District to supply the Monument Butte, Travis, Gilsonite, and Ashley oil fields. Johnson Water District has given permission to Inland Production Company to use water from this system, for the purpose of drilling and completing the Ashley Federal #10-1.

Existing water for this well will be trucked from Inland Production Company's water supply line located at the Gilsonite State #7-32 (SW/NE Sec. 32, T8S, R17E), or the Monument Butte Federal #5-35 (SW/NW Sec. 35, T8S, R16E), or the Travis Federal #15-28 (SW/SE Sec. 28, T8S, R16E). See Exhibit "C".

There will be no water well drilled at this site.

### 6. SOURCE OF CONSTRUCTION MATERIALS

See Location Layout Sheet - Exhibit "E".

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

See Location Layout Sheet - Exhibit "E".

A small reserve pit ( 80 X 40 X 8' deep, or less) will be constructed from native soil and clay materials. A water processing unit will be employed to continuously recycle the drilling fluid as it is used, returning the fluid component to the drilling rig's steel tanks. The reserve pit will primarily receive the processed drill cuttings (wet sand, shale & rock) removed from the wellbore. Any drilling fluids which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed by the water recycling unit and then returned to the steel rig tanks. All drilling fluids will be fresh water based containing DAP (Di-Ammonium Phosphate, commonly known as fertilizer), typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be utilized in the reserve pit.

All completion fluids, frac gels, etc., will be contained in steel tanks and hauled away to approved commercial disposal, as necessary.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined in storage tanks. Inland requests temporary approval to transfer the produced water to Inland's nearby waterflood, for re-injection into the waterflood reservoirs via existing approved injection wells. Within 90 days of first production, a water analysis will be submitted to the Authorized Officer, along with an application for approval of this, as a permanent disposal method.

8. **ANCILLARY FACILITIES**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT**

See attached Location Layout Sheet - Exhibit "E".

The reserve pit will be located on the east between stakes 5 & 6.

No flare pit will be used at this location.

The stockpiled topsoil (first six (6) inches) will be stored on the southeast corner, between stakes 5 & 7.

Access to the well pad will be from the south. A BLM or Inland representative will be present, when the dirt contractor builds the access road.

A silt catchment dam will be constructed on the southeast side, where the access road joins the location, at the flagged area.

A dam will be constructed northeast of location, at the flagged area.

**Fencing Requirements**

All pits will be fenced according to the following minimum standards:

- a) A 39 inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be cemented and/or braced in such a manner to keep tight at all times.
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

**10. PLANS FOR RESTORATION OF SURFACE**

a) *Producing Location*

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/ operations will be re-contoured to the approximated natural contours. The reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit will have all fluids and hydrocarbons removed.

When the drilling and completion phase ends, reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer. The seed mixture will be per B.L.M. and stated in the conditions of approval.

b) *Dry Hole Abandoned Location*

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the B.L.M. will attach the appropriate surface rehabilitation conditions of approval.

**11. SURFACE OWNERSHIP - Bureau Of Land Management**

12. **OTHER ADDITIONAL INFORMATION**

- a) Inland Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Inland is to immediately stop work that might further disturb such materials, and contact the Authorized Officer.
- b) Inland Production Company will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. On B.L.M. administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without B.L.M. authorization. However, if B.L.M. authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

The Archaeological Cultural Resource Survey will be submitted, as soon as it becomes available.

*Additional Surface Stipulations*

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations. Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. Inland Production is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

***Hazardous Material Declaration***

Inland Production Company guarantees that during the drilling and completion of the Ashley Federal #10-1 we will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Inland also guarantees that during the drilling and completion of the Ashley Federal #10-1 we will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Inland Production Company or a contractor employed by Inland Production shall contact the B.L.M. office at (801) 789-1362, 48 hours prior to construction activities.

The B.L.M. office shall be notified upon site completion prior to moving on the drilling rig.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Brad Mecham

Address: P.O. Box 1446 Roosevelt, Utah 84066

Telephone: (801) 722-5103

Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #10-1 NW/SE Section 1, Township 9S, Range 15E: Lease U-74826, Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that I, or persons under my direct supervision have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

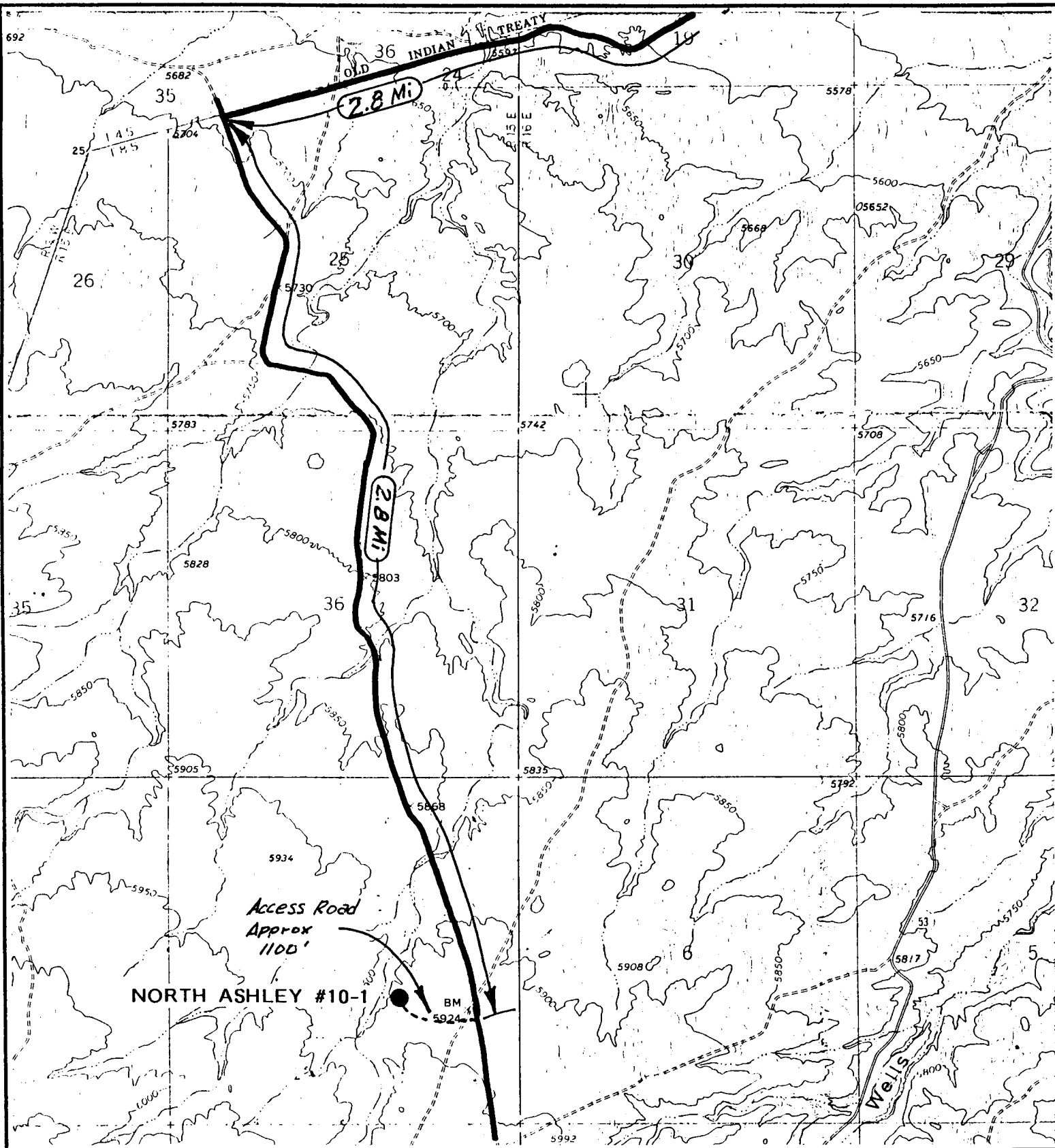
2-17-97

Date

Brad Mecham

Brad Mecham  
District Manager

17 Dec '96 84-121-070



TOPOGRAPHIC

MAP "B"

SCALE: 1" = 2000'



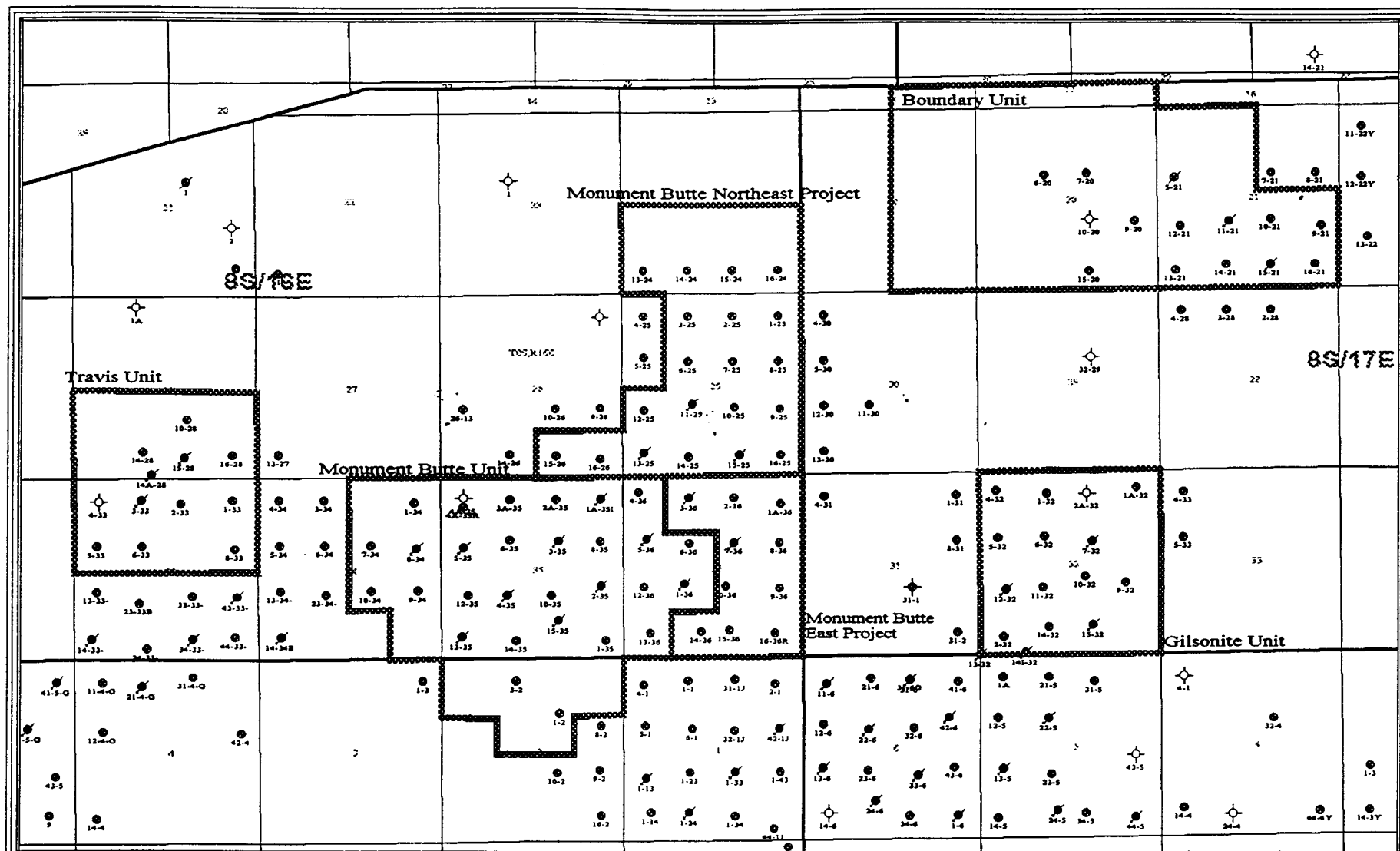
**INLAND PRODUCTION COMPANY**

**NORTH ASHLEY #10-1  
SECTION 1, T9S, R15E, S.L.B.&M.**

17 Dec '96 84-121-070



# EXHIBIT "C"



## INJECTOR STATIONS:

Travis Federal #15-28  
 Monument Butte Federal #5-35  
 Gilsonite State #7-32



**Inland**  
 47517<sup>th</sup> Street, Suite 1500  
 Denver, Colorado 80202  
 Phone: (303) 292-0900

Regional Area

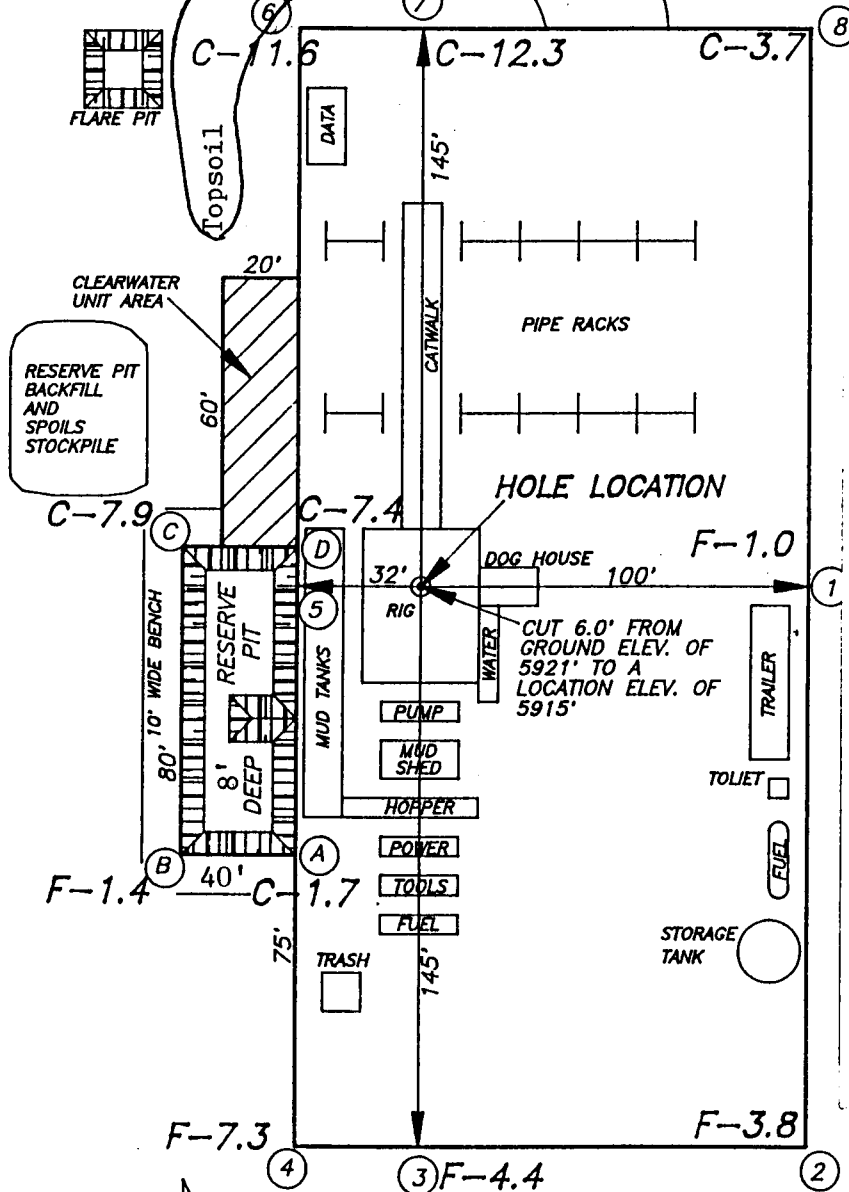
Duchesne County, Utah

Date: 1/29/96 J.A.

INLAND PRODUCTION CO.  
LOCATION LAYOUT PLAT  
NORTH ASHLEY #10-1  
SECTION 1, T9S, R15E, S.L.B.7M.

Silt catchment dam on southeast  
where access road joins location,  
at flagged area.

BLM or Inland representative  
to be present when dirt contractor  
ACCESS builds access road.



STA. 2+90

STA. 1+55

STA. 1+45

STA. 0+75

STA. 0+00

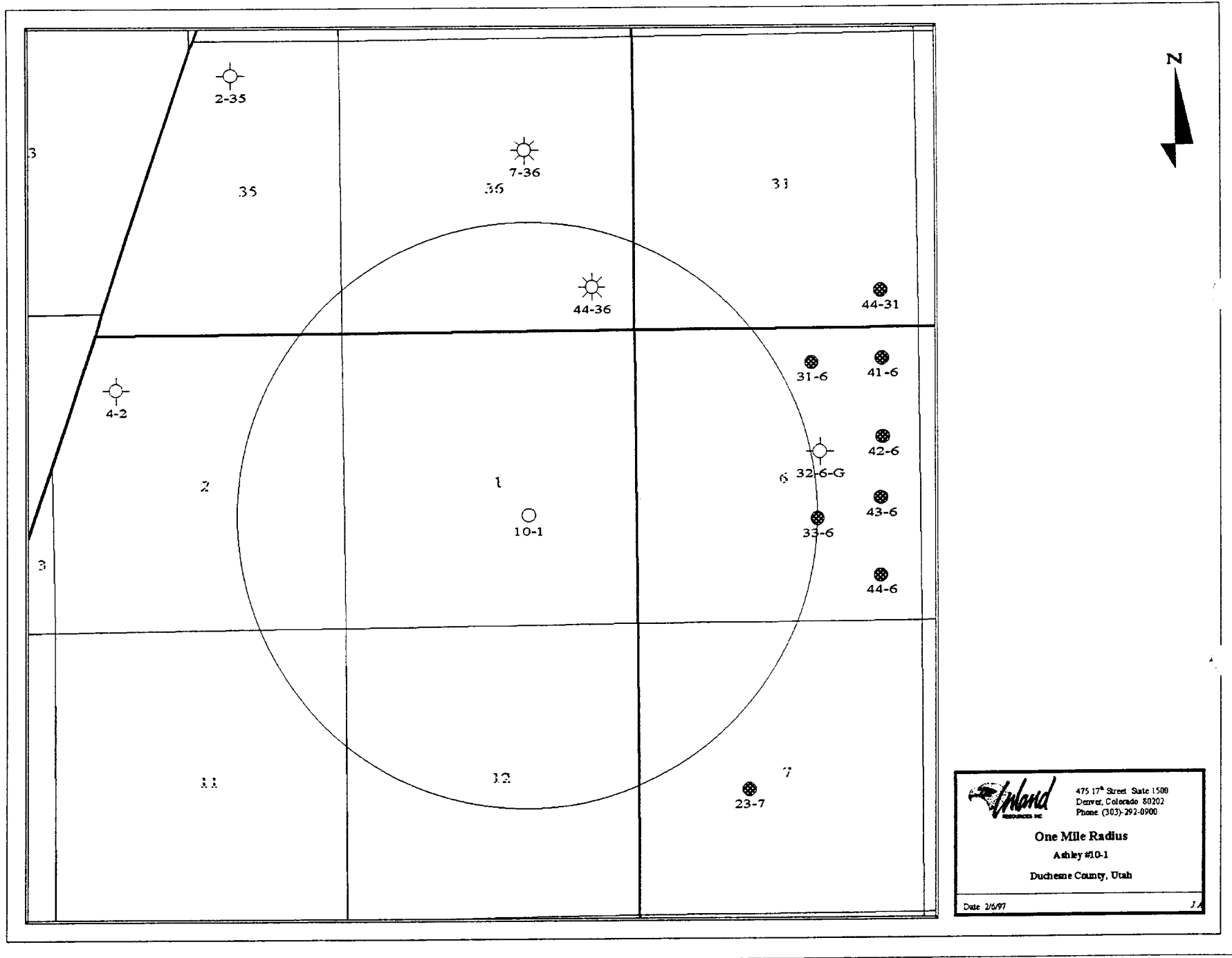
Dam in Northeast of  
location, at flagged area.

JERRY D. ALLRED AND ASSOCIATES  
121 NORTH CENTER STREET  
P.O. BOX 975  
DUCHESNE, UTAH 84021  
(801) 738-5352

16 DEC 1996

84-121-070

# EXHIBIT "D"



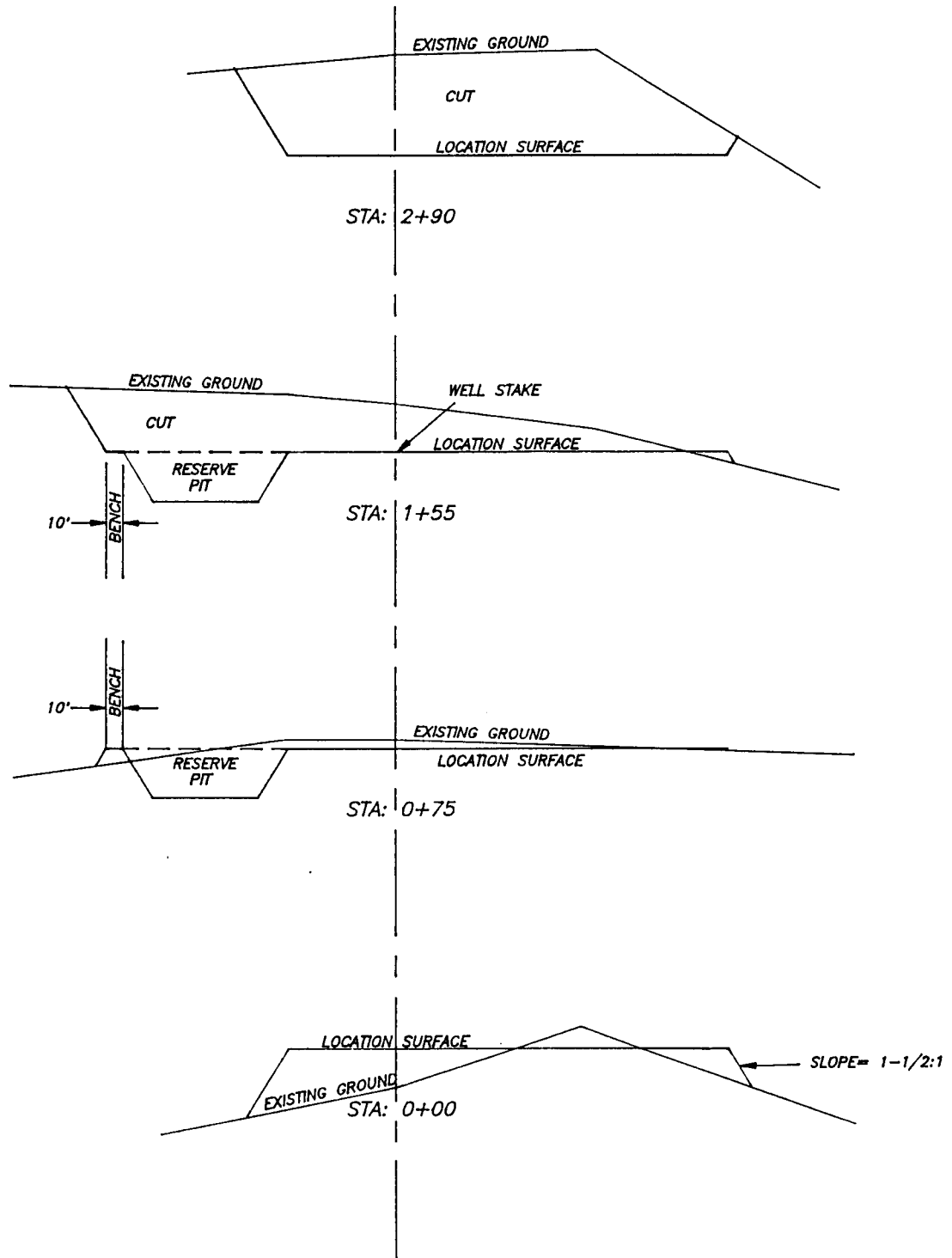
## INLAND PRODUCTION CO.

LOCATION LAYOUT PLAT

NORTH ASHLEY #10-1

SECTION 1, T9S, R15E, S.L.B.7M.

1" = 20'  
X-SECTION  
SCALE  
1" = 50'



## APPROXIMATE QUANTITIES

CUT: 5350 CU. YDS. (INCLUDES PIT)  
FILL: 2270 CU. YDS.

JERRY D. ALLRED AND ASSOCIATES  
121 NORTH CENTER STREET  
P.O. BOX 975  
DUCHESNE, UTAH 84021  
(801) 738-5352

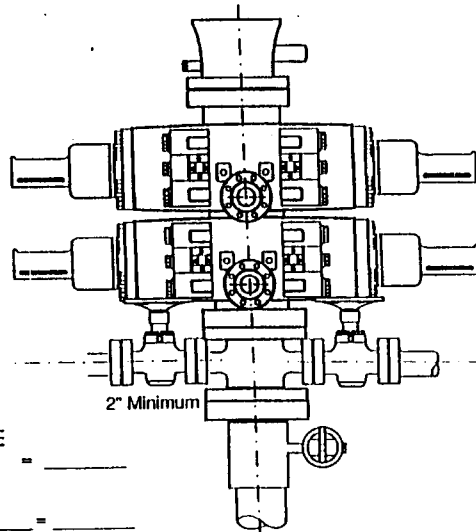
17 DEC 1996

84-121-070

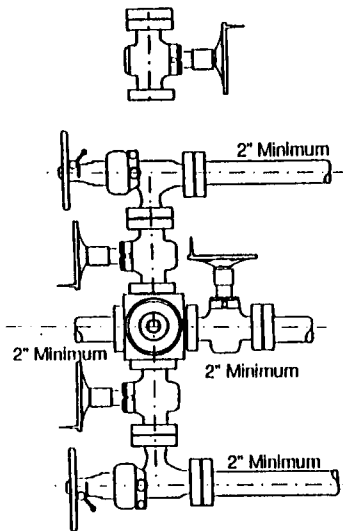
# EXHIBIT "F"

RAM TYPE B.O.P.  
 Make:  
 Size:  
 Model:

## 2-M SYSTEM



GAL TO CLOSE  
 Annular BOP = \_\_\_\_\_  
 Ramtype BOP  
 \_\_\_\_\_ Rams x \_\_\_\_\_ = \_\_\_\_\_  
 = \_\_\_\_\_ Gal.  
 \_\_\_\_\_ x 2 = \_\_\_\_\_ Total Gal.



Rounding off to the next higher  
 increment of 10 gal. would require  
 \_\_\_\_\_ Gal. (total fluid & nitro volume)

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/24/97

API NO. ASSIGNED: 43-013-31825

WELL NAME: ASHLEY FEDERAL 10-1  
OPERATOR: INLAND PRODUCTION COMPANY (N5160)

PROPOSED LOCATION:  
NWSE 01 - T09S - R15E  
SURFACE: 1945-FSL-1781-FEL  
BOTTOM: 1945-FSL-1781-FEL  
DUCHESNE COUNTY  
UNDESIGNATED FIELD (002)

LEASE TYPE: FED  
LEASE NUMBER: U - 74826

PROPOSED PRODUCING FORMATION: GRRV

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Federal ☒ State[] Fee[]  
(Number 4488944)  
☒ Potash (Y/N)  
☒ Oil shale (Y/N)  
☒ Water permit  
(Number GILSANITE 5-118 7-32)  
☒ RDCC Review (Y/N)  
(Date: \_\_\_\_\_)

LOCATION AND SITING:

\_\_\_ R649-2-3. Unit: \_\_\_\_\_

☒ R649-3-2. General.

\_\_\_ R649-3-3. Exception.

\_\_\_ Drilling Unit.

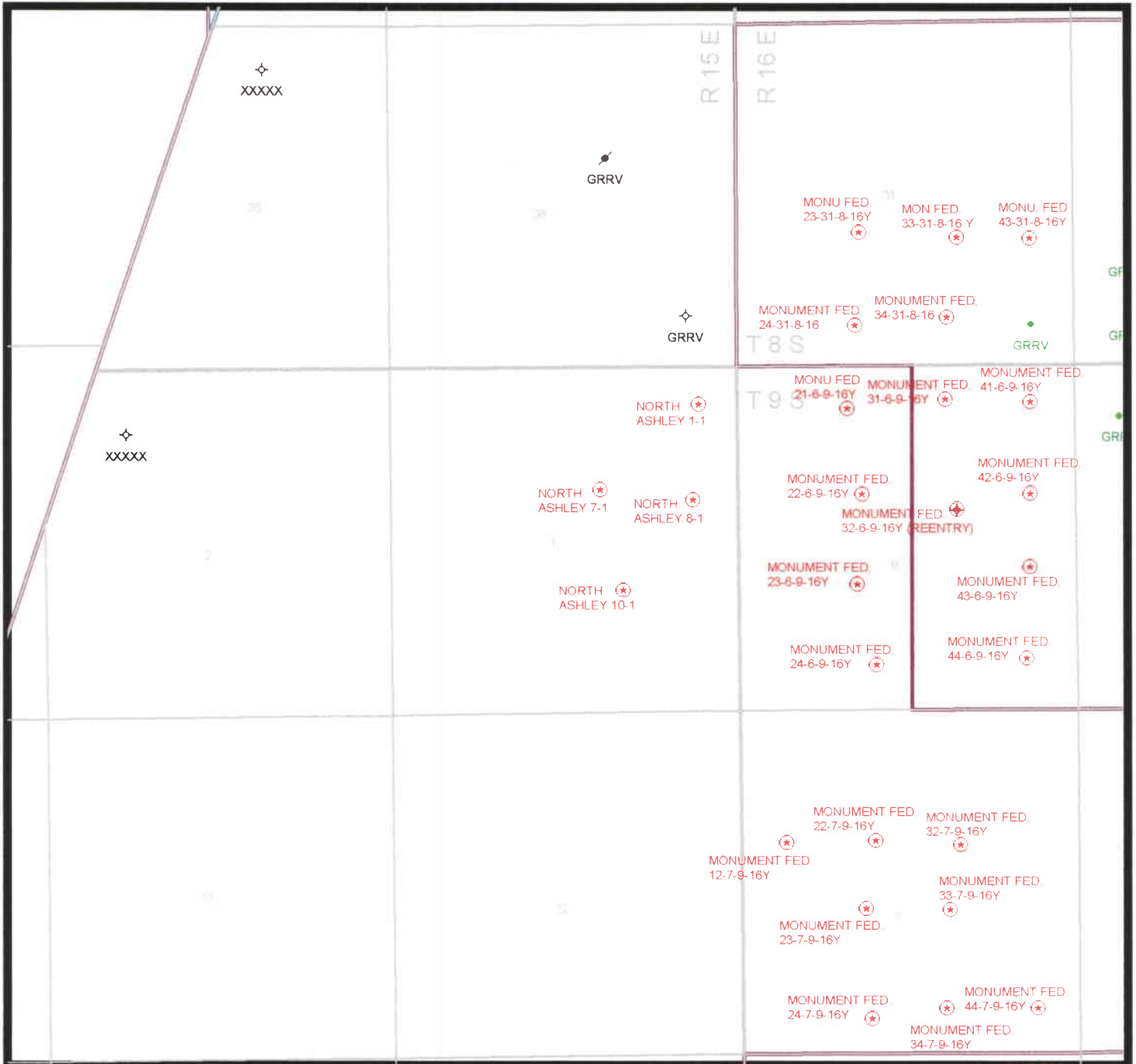
Board Cause no: \_\_\_\_\_

Date: \_\_\_\_\_

COMMENTS: \_\_\_\_\_

STIPULATIONS: \_\_\_\_\_

OPERATOR: INLAND (N5160)  
FIELD: UNDESIGNATED (002)  
SECTION: 1 T9S, R15E  
COUNTY: DUCHESNE  
SPACING: UAC R649-3-2



PREPARED:  
DATE: 25-FEB-97



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor  
Ted Stewart  
Executive Director  
James W. Carter  
Division Director

1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

June 4, 1997

Inland Production Company  
P.O. Box 790233  
Vernal, Utah 84079

Re: Ashley Federal 10-1 Well, 1945' FSL, 1781' FEL, NW SE,  
Sec. 1, T. 9 S., R. 15 E., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31825.

Sincerely,

A handwritten signature in cursive script, reading 'Lowell P. Braxton'.  
Lowell P. Braxton  
Deputy Director

lwp

Enclosures

cc: Duchesne County Assessor  
Bureau of Land Management, Vernal District Office



Operator: Inland Production Company  
Well Name & Number: Ashley Federal 10-1  
API Number: 43-013-31825  
Lease: U-74826  
Location: NW SE Sec. 1 T. 9 S. R. 15 E.

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact John R. Baza (801)538-5334 or Mike Hebertson at (801) 538-5333.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FEB 19 1997

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>U-74826</b>
1b. TYPE OF WELL OIL <input type="checkbox"/> GAS <input type="checkbox"/> SINGLE <input type="checkbox"/> MULTIPLE <input type="checkbox"/> WELL <input checked="" type="checkbox"/> WELL <input type="checkbox"/> OTHER <input type="checkbox"/> ZONE <input type="checkbox"/> ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR <b>Inland Production Company</b>		7. UNIT AGREEMENT NAME <b>Ashley Unit</b>
3. ADDRESS OF OPERATOR <b>P.O. Box 790233 Vernal, UT 84079</b> Phone: <b>(801) 789-1866</b>		8. FARM OR LEASE NAME <b>Ashley Federal</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At Surface <b>NW/SE</b> At proposed Prod. Zone <b>1945' FSL &amp; 1781' FEL</b>		9. WELL NO. <b>#10-1</b>
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>11.9 Miles southwest of Myton, Utah</b>		10. FIELD AND POOL OR WILDCAT <b>Ashley</b>
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) <b>1781'</b>	16. NO. OF ACRES IN LEASE <b>2189.98</b>	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 1, T9S, R15E</b>
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. <b>1226'</b>	19. PROPOSED DEPTH <b>6500'</b>	12. County <b>Duchesne</b>
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5921' GR</b>		13. STATE <b>UT</b>
22. APPROX. DATE WORK WILL START* <b>2nd Quarter 1997</b>		

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	300'	120 sx
7 7/8"	5 1/2"	15.5#	TD	400 sx followed by 330 sx
				See Detail Below

The actual cement volumes will be calculated off of the open hole logs, plus 15% excess.

**SURFACE PIPE - Premium Plus Cement, w/ 2% CaCl<sub>2</sub>, 1/4# Flocele/sk**

Weight: 14.8 PPG YIELD: 1.37 Cu Ft/sk H2O Req: 6.4 Gal/sk

**LONG STRING - Lead: Hibond 65 Modified**

Weight: 11.0 PPG YIELD: 3.00 Cu Ft/sk H2O Req: 18.08 Gal/sk

**Tail: Premium Plus Thixotropic**

Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H2O Req: 7.88 Gal/sk

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.

If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Brad Mechem TITLE District Manager DATE 2/11/97  
**Brad Mechem**

(This space for Federal or State office use)

PERMIT NO. 43-013-31825 APPROVAL DATE \_\_\_\_\_Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_Edwin L. SpencerACTING Assistant Field Manager  
Mineral Resources

JUN 03 1997

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPY

LIT080-7M 144

**CONDITIONS OF APPROVAL**  
**APPLICATION FOR PERMIT TO DRILL**

Company/Operator: Inland Production Company

Well Name & Number: Ashley Federal 10-1

API Number: 43-013-31825

Lease Number: U -74826

Location: NWSE Sec. 01 T. 9S R. 15E

**NOTIFICATION REQUIREMENTS**

- |                                 |   |   |
|---------------------------------|---|---|
| Location Construction           | - | at least forty-eight (48) hours prior to construction of location and access roads.   |
| Location Completion             | - | prior to moving on the drilling rig.  |
| Spud Notice                     | - | at least twenty-four (24) hours prior to spudding the well.   |
| Casing String and Cementing     | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings.   |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests.   |
| First Production Notice         | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

### A. DRILLING PROGRAM

#### 1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

#### 2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **2M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water, identified at 936 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to  $\pm$  736 ft., and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within thirty (30) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted on initial meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Ed Forsman                      (801) 789-7077  
Petroleum Engineer

Wayne P. Bankert              (801) 789-4170  
Petroleum Engineer

Jerry Kenczka                  (801) 781-1190  
Petroleum Engineer

BLM FAX Machine              (801) 781-4410



## EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

CONDITIONS OF APPROVAL  
FOR THE SURFACE USE PROGRAM OF THE  
APPLICATION FOR PERMIT TO DRILL

All travel will be confined to the existing access road right-of-way.

Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, and crowning (2 to 3%). Graveling or capping the roadbed will be required as necessary to provide a well constructed safe road. Prior to construction/upgrading, the proposed road surface or existing road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Should mud holes develop, they shall be filled in to prevent detours. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. When snow is removed from the road during the winter months, the snow should be pushed outside of the burrow ditches and the turn outs should be kept clear so that when the snow melts the water will be channeled away from the road.

One erosion dam would be constructed in the drainage north of the location as designated by BLM.

Where the road crosses the drainage just prior to the location, the road should act as a water diversion and channel the water away from the location. A BLM representative should be present during the road construction to show the dirt contractor how this is to be done.

Mountain Plover

No survey work, exploration, prospecting, or plugging and abandonment will occur from March 15 through August 15.

Motorized travel will take place only on designated routes. No cross country travel is permitted.

Road maintenance will be avoided from May 25 through July 1.

According to the timeframes listed on the following chart and prior to new construction and drilling activities, a detailed survey of the area within 0.5 mile of a proposed

location and 300 feet either side of the center line of a proposed access route will be made by BLM or a qualified biologist to detect the presence of plovers. Extreme care shall be exercised to locate plovers due to their highly secretive and quiet nature. Where possible, the survey shall first be made from a stationary vehicle. All plovers located will be observed long enough to determine if a nest is present. If no visual sightings are made from the vehicle, the area will be surveyed again on foot.

Starting Date of Construction or Drilling Activity	Number of Surveys
From March 15 through April 15	1
From April 16 through July 15	2
From July 16 through August 15	1

The surveys will be conducted no more than 14 days prior to the date actual construction or drilling activities begin. If two surveys are required, they will be made at least 14 days apart with the last survey no more than 14 days prior to the start-up date.

If an active nest or chicks are found in the area, the planned activity will be delayed until the chicks are out of downy plumage; the brood vacates the area of influence; or, the nest has failed.

Grading activities and new road construction will be minimized from May 25 through June 30.

-Ferruginous Hawk

1. No new construction or surface disturbing activities will be conducted within a 0.5 mile radius of an inactive nest. This COA may be modified based on one or more of the following mitigative opportunities:

- a. The nest has showed no signs of breeding/nesting activity for a least two consecutive breeding seasons or,
- b. The biologist has determined that the nests in question are in such poor condition that monitoring the nests for two breeding seasons is not necessary.
- c. Artificial Nesting Platforms will be constructed and placed by the operator. Up to 3 platforms will be constructed for each natural nest involved in mitigation. The BLM AO will determine the placement of the platforms.

2. From May 30 through February 28, new construction or surface-disturbing activities will be conducted within a 0.5 mile of an inactive nest subject to the following restrictions:

- a. Where possible, well pads proposed for construction within 0.25 miles of an inactive nest will be placed where permanent facilities will not be visible from the nest. Access roads to well pads will be designed to avoid line-of-sight visibility from inactive nests to the maximum extent practical.
- b. Wells proposed within 0.5 miles of an inactive nest will be either converted to injection wells or equipped with muffled multi-cylinder engines or with equipment of comparable quietness.
3. Road access from the main road will be limited to a single-lane improved road for each well. During normal operations human access to injection wells will be limited to 4 trips per month by a single lease operator driving a full size pickup. Human access to producing wells will be limited to 1 trip per day by a single lease operator driving a full-size pickup.
4. Storage tanks and heater-treaters for new wells will be positioned at least 0.5 mile from the inactive nest in common tank/treater batteries or will use an existing facility. No crude oil haul/tanker trucks will enter the 0.5 mile radius from an inactive nest.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION CO.

Well Name: ASHLEY FEDERAL 10-1

Api No. 43-013-31825

Section: 1 Township: 9S Range: 15E County: DUCHESNE

Drilling Contractor UNION

Rig # 7

SPUDDED:

Date 7/15/97

Time 12:00 PM

How ROTARY

Drilling will commence \_\_\_\_\_

Reported by FAX

Telephone # \_\_\_\_\_

Date: 7/23/97 Signed: JLT

J

INLAND PRODUCTION CO. TEL: 801-722-5103 Jul 18, 97 13:47 No. 002 P. 02

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

ENTRY ACTION FORM - FORM 6

OPERATOR: Inland Production Company  
ADDRESS: P O Box 790233  
Vernal, UT 84079

OPERATOR ACCT. NO. H 5260


ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					Q0	SC	TP	RS	COUNTY		
A	99999	12169	43-013-31825	Ashley Federal #10-1	NWSE	1	9S	15E	Duchesne	7/15/97	7/15/97
WELL 1 COMMENTS: Spud surface hole w/ rotary rig Entity added 7-29-97. Lee											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- D - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- B - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENTS section to explain why each Action Code was selected.

(3 99)

  
Signature: Cheryl Cameron  
RCS 7/18/97  
Title                      Date  
Phone No. 801, 789-1866

# Facsimile Cover Sheet

**To: Lisha Cordova**  
**Company: State of Utah**  
**Phone: (801) 538-5296**  
**Fax: (801) 359-3940**

**From: Cheryl Cameron**  
**Company: Inland Production Company**  
**Phone: (801) 789-1866**  
**Fax: (801) 789-1877**

**Date: 7/18/97**

**Pages including this  
cover page: 2**

**Comments: Entity Action Form 6, for the Ashley Federal #10-1.**

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budget Bureau No. 1004-0135

Expires March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

## 1. Type of Well



Oil Well



Gas well



Other

## 2. Name of Operator

**Inland Production Company**

## 3. Address and Telephone No.

**P.O. Box 790233 Vernal, UT 84079 Phone No. (801) 789-1866**

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**NW/SE 1955' FSL & 1764' FEL  
Sec. 1, T9S, R15E**

## 5. Lease Designation and Serial No.

**U-74826**

## 6. If Indian, Allottee or Tribe Name

## 7. If unit or CA, Agreement Designation

**Ashley Unit**

## 8. Well Name and No.

**Ashley Federal #10-1**

## 9. API Well No.

**43-013-31825**

## 10. Field and Pool, or Exploratory Area

**Ashley**

## 11. County or Parish, State

**Duchesne, UT**

## 12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION



Notice of Intent



Subsequent Report



Final Abandonment Notice

## TYPE OF ACTION



Abandonment



Recompletion



Plugging Back



Casing repair



Altering Casing

Other **Surface Spud**

Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-off



Conversion to Injection

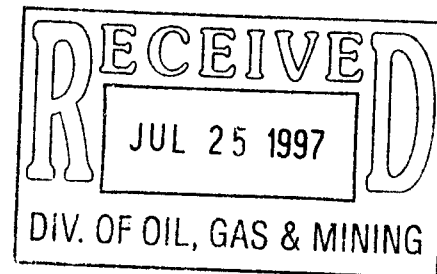


Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

**MIRU Union, Rig #7. Drilled 17 1/2" hole to 21' KB. Set 13 3/8" conductor.  
Drilled 12 1/4" hole to 318'. Run 250.35' of 8 5/8" 24# J-55 ST&C csg. Cmt  
w/ 155 sx Prem + w/ 2% CC & 1/4#/sk flocele, 15.6 ppg, 1.18 cf/sk yield.  
Spud w/ rotary rig @ 12:00 pm, 7/15/97.**



14. I hereby certify that the foregoing is true and correct

Signed

**Cheryl Cameron**

Title

**Regulatory Compliance Specialist**

Date

**7/18/97**

(This space of Federal or State office use.)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/> <b>REVISED</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>U-74826</b>
1b. TYPE OF WELL OIL <input type="checkbox"/> GAS <input type="checkbox"/> SINGLE <input type="checkbox"/> MULTIPLE <input type="checkbox"/> WELL <input checked="" type="checkbox"/> WELL <input type="checkbox"/> OTHER <input type="checkbox"/> ZONE <input type="checkbox"/> ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR <b>Inland Production Company</b>		7. UNIT AGREEMENT NAME <b>Ashley Unit</b>
3. ADDRESS OF OPERATOR <b>P.O. Box 790233 Vernal, UT 84079</b> <b>Phone: (801) 789-1866</b>		8. FARM OR LEASE NAME <b>Ashley Federal</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At Surface <b>NW/SE</b> At proposed Prod. Zone <b>1955' FSL &amp; 1764' FEL</b>		9. WELL NO. <b>#10-1</b>
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>11.9 Miles southwest of Myton, Utah</b>		10. FIELD AND POOL OR WILDCAT <b>Ashley</b>
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) <b>1781'</b>	16. NO. OF ACRES IN LEASE <b>2189.98</b>	11. SEC. T, R, M, OR BLK. AND SURVEY OR AREA <b>Sec. 1, T9S, R15E</b>
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. <b>1226'</b>	19. PROPOSED DEPTH <b>6500'</b>	12. County <b>Duchesne</b>
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5921' GR</b>		13. STATE <b>UT</b>
22. APPROX. DATE WORK WILL START* <b>2nd Quarter 1997</b>		

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	300'	120 sx
7 7/8"	5 1/2"	15.5#	TD	400 sx followed by 330 sx
				See Detail Below

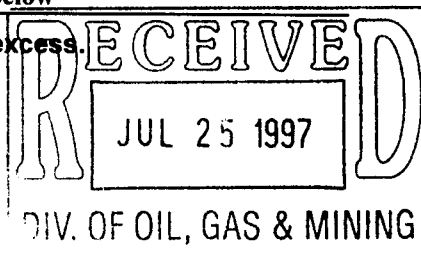
The actual cement volumes will be calculated off of the open hole logs, plus 15% excess.

SURFACE PIPE - Premium Plus Cement, w/ 2% CaCl<sub>2</sub>, 1/4# Flocele/skWeight: 14.8 PPG YIELD: 1.37 Cu Ft/sk H<sub>2</sub>O Req: 6.4 Gal/sk

LONG STRING - Lead: Hibond 65 Modified

Weight: 11.0 PPG YIELD: 3.00 Cu Ft/sk H<sub>2</sub>O Req: 18.08 Gal/sk

Tail: Premium Plus Thixotropic

Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H<sub>2</sub>O Req: 7.88 Gal/sk

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.

If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Cheryl Cameron TITLE Regulatory Compliance Specialist DATE 7/15/97  
Cheryl Cameron

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(June 1990)

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budget Bureau No. 1004-0135

Expires March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

## 1. Type of Well

☒ Oil Well    ☐ Gas well    ☐ Other

## 2. Name of Operator

**Inland Production Company**

## 3. Address and Telephone No.

**P.O. Box 790233 Vernal, UT 84079 Phone No. (801) 789-1866**

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**NW/SE                      1955' FSL & 1764' FEL  
Sec. 1, T9S, R15E**

## 5. Lease Designation and Serial No.

**U-74826**

## 6. If Indian, Allottee or Tribe Name

## 7. If unit or CA, Agreement Designation

**Ashley Unit**

## 8. Well Name and No.

**Ashley Federal #10-1**

## 9. API Well No.

**43-013-31825**

## 10. Field and Pool, or Exploratory Area

**Ashley**

## 11. County or Parish, State

**Duchesne, UT**

## 12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

## TYPE OF ACTION

- ☐ Notice of Intent
- ☒ Subsequent Report
- ☐ Final Abandonment Notice

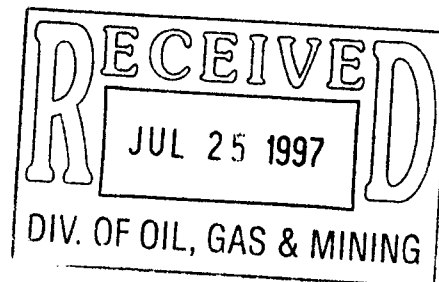
- ☐ Abandonment
- ☐ Recompletion
- ☐ Plugging Back
- ☐ Casing repair
- ☐ Altering Casing
- ☐ Other \_\_\_\_\_

- ☒ Change of Plans
- ☐ New Construction
- ☐ Non-Routine Fracturing
- ☐ Water Shut-off
- ☐ Conversion to Injection
- ☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

**Inland Production requests that the attached Regulation Variance's be granted  
(Please refer to attachment "A") for the continued drilling operations for Ari Drilling with  
Union, Rig #7.**



14. I hereby certify that the foregoing is true and correct

Signed

**Cheryl Cameron**

Title

**Regulatory Compliance Specialist**

Date

**7/15/97**

(This space of Federal or State office use.)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*See Instruction on Reverse Side**

## Attachment "A"

Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, Utah 84078

RE: Regulation Variance for continued drilling operations for Air Drilling with Union, Rig #7.

**Ashley Federal #10-1**  
**NW/SE Sec. 1, T9S, R15E**  
**Lease No. U-74826**

- (1) Inland Production Company requests that the mud type and program variance be granted for the following:

### **MUD PROGRAM**

#### **MUD PROGRAM**

Surface - 320'  
320' - 4200'  
4200' - TD

#### **MUD TYPE**

Air  
Air/Mist & Foam  
The well will be drilled with fresh water through the Green River Formation @ 4200'  $\pm$ , to TD, a fresh water/polymer system will be utilized. If necessary to control formation fluids, the system will be weighted with the addition of bentonite gel, and if conditions warrant, barite. Clay inhibition will be achieved with additions or by adding DAP (Di-Ammonium Phosphate, commonly known as fertilizer.) Typically, this fresh water/polymer system will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride or chromates will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg and weighted as necessary for gas control.

- (2) Inland Production Company requests that a variance to regulations requiring a straight run blooie line. Inland proposes that the flowline will contain two (2) 90 degree turns.
- (3) Inland Production Company requests that a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. Inland requests authorization to ignite as needed, and the flowline at 80'.

**Page 2**

- (4) Inland Production Company requests that the spark arrest, exhaust, or water cooled exhaust be waived under the Special Drilling Operations of Onshore Order #2.
- (5) Inland Production Company requests authorization be granted a location move from the original footage permitted at 1945' FSL & 1781' FEL to 1955' FSL & 1764' FEL, in order to accommodate the drilling rig, Union, Rig #7.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budgeted Bureau No. 1004-0135

Expires March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

## 1. Type of Well

☒ Oil Well    ☐ Gas well    ☐ Other

## 2. Name of Operator

**Inland Production Company**

## 3. Address and Telephone No.

**P.O. Box 790233 Vernal, UT 84079 Phone No. (801) 789-1866**

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**NW/SE                      1955' FSL & 1764' FEL**  
**Sec. 1, T9S, R15E      1945      1781**

## 5. Lease Designation and Serial No.

**U-74826**

## 6. If Indian, Allottee or Tribe Name

## 7. If unit or CA, Agreement Designation

**Ashley Unit**

## 8. Well Name and No.

**Ashley Federal #10-1**

## 9. API Well No.

**43-013-31825**

## 10. Field and Pool, or Exploratory Area

**Ashley**

## 11. County or Parish, State

**Duchesne, UT**

## 12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

- ☐ Notice of Intent
- ☒ Subsequent Report
- ☐ Final Abandonment Notice

## TYPE OF ACTION

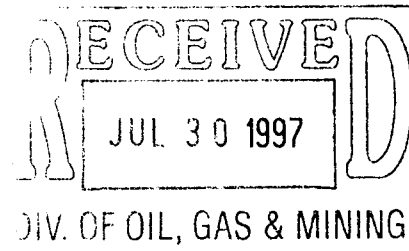
- ☐ Abandonment
- ☐ Recompletion
- ☐ Plugging Back
- ☐ Casing repair
- ☐ Altering Casing
- ☒ Other Weekly Status
- ☐ Change of Plans
- ☐ New Construction
- ☐ Non-Routine Fracturing
- ☐ Water Shut-off
- ☐ Conversion to Injection
- ☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

**WEEKLY STATUS REPORT FOR WEEK OF 7/16/97 - 7/21/97:**

**Finished drilling 7 7/8" hole w/ Union, Rig #7 from 318' - 5950'. Run 5927.70' of 5 1/2" 15.5# J-55 csg. Pump 20 bbls DW & 20 BG. Cmt w/ 325 sx Hibond mod, 11.0 ppg. 3.0 cf/sk yield & 305 sx Thixo w/ 10% CC, 14.2 ppg, 1.59 cf/sk yield. Rig released on 7/22/97 @ 10:15 am. RDMOL.**



## 14. I hereby certify that the foregoing is true and correct

Signed

**Cheryl Cameron**

Title

**Regulatory Compliance Specialist**

Date

**7/25/97**

(This space of Federal or State office use.)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*See Instruction on Reverse Side**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budgeted Bureau No. 1004-0135

Expires March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas well <input type="checkbox"/> Other	5. Lease Designation and Serial No. <b>U-74826</b>
2. Name of Operator <b>Inland Production Company</b>	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. <b>P.O. Box 790233 Vernal, UT 84079    Phone No. (801) 789-1866</b>	7. If unit or CA, Agreement Designation <b>Ashley Unit</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>NW/SE                      1955' FSL &amp; 1764' FEL</b> <b>Sec. 1, T9S, R15E</b>	8. Well Name and No. <b>Ashley Federal #10-1</b>
	9. API Well No. <b>43-013-31825</b>
	10. Field and Pool, or Exploratory Area <b>Ashley</b>
	11. County or Parish, State <b>Duchesne, UT</b>

**12 CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

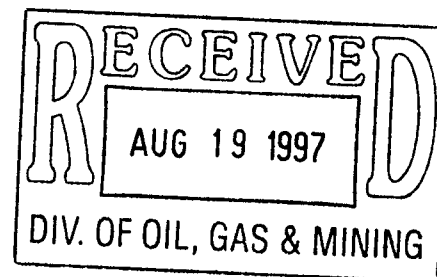
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing repair	<input type="checkbox"/> Water Shut-off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Weekly Status</u>	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

**WEEKLY STATUS REPORT FOR WEEK OF 8/3/97 - 8/11/97:**

**Perf CP sd 5779'-5786', 5804'-5808', 5839'-5849'**  
**Perf A sd 5242'-5250', 5322'-5330', 5390'-5402'**  
**Perf B sd 5043'-5048', 5073'-5090', 5134'-5139'**  
**Perf D sd 4822'-4829', 4834'-4840'**



14. I hereby certify that the foregoing is true and correct

Signed

**Cheryl Cameron**

Title

**Regulatory Compliance Specialist**

Date

**8/11/97**

(This space of Federal or State office use.)

Approved by

Title

Date

Conditions of approval, if any:

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to any matter within its jurisdiction.

**\*See Instruction on Reverse Side**

(June 1990)

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budget Bureau No. 1004-0135

Expires March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

*SUBMIT IN TRIPLICATE*

## 1. Type of Well

☒ Oil Well    ☐ Gas well    ☐ Other

## 2. Name of Operator

**Inland Production Company**

## 3. Address and Telephone No.

**P.O. Box 790233 Vernal, UT 84079 Phone No. (801) 789-1866**

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**NW/SE                      1955' FSL & 1764' FEL  
Sec. 1, T9S, R15E**

## 5. Lease Designation and Serial No.

**U-74826**

## 6. If Indian, Allottee or Tribe Name

## 7. If unit or CA, Agreement Designation

**Ashley Unit**

## 8. Well Name and No.

**Ashley Federal #10-1**

## 9. API Well No.

**43-013-31825**

## 10. Field and Pool, or Exploratory Area

**Ashley**

## 11. County or Parish, State

**Duchesne, UT**

## 12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

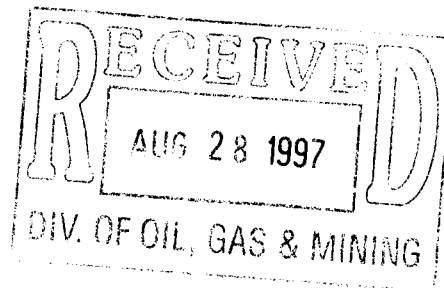
- ☐ Notice of Intent
- ☒ Subsequent Report
- ☐ Final Abandonment Notice

## TYPE OF ACTION

- ☐ Abandonment
- ☐ Recompletion
- ☐ Plugging Back
- ☐ Casing repair
- ☐ Altering Casing
- ☒ Other Weekly Status
- ☐ Change of Plans
- ☐ New Construction
- ☐ Non-Routine Fracturing
- ☐ Water Shut-off
- ☐ Conversion to Injection
- ☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

**WEEKLY STATUS REPORT FOR WEEK OF 8/12/97 - 8/16/97:****RIH w/ production string. On production @ 2:20 pm, 8/16/97.**

14. I hereby certify that the foregoing is true and correct

Signed

**Cheryl Cameron**

Title

**Regulatory Compliance Specialist**

Date

**8/21/97**

(This space for Federal or State office use.)

Approved by

Title

Date

Conditions of approval, if any:

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**\*See Instruction on Reverse Side**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐  
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DEEP RESVR. ☐ Other ☐

2. NAME OF OPERATOR  
Inland Production Company

3. ADDRESS OF OPERATOR  
P.O. Box 790233 Vernal, UT 84079 (801) 789-1866

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface NW /SE  
At top prod. interval reported below 1955' FSL & 1764' FEL  
At total depth

14. PERMIT NO. 43-013-31825 DATE ISSUED 6/3/97

5. LEASE DESIGNATION AND SERIAL NO.  
U-74826

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Ashley Unit

8. FARM OR LEASE NAME

Ashley Federal

9. WELL NO.

#10-1

10. FIELD AND POOL, OR WILDCAT

Ashley

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 1, T9S R15E

12. COUNTY OR TERRITORY  
Duchesne

13. STATE  
UT

15. DATE SPUDDED 7/15/97 16. DATE T.D. REACHED 7/20/97 17. DATE COMPL. (Ready to prod.) 8/16/97 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5921' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5950' 21. PLUG, BACK T.D., MD & TVD 5892' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY → X ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
Green River  
(refer to Item #31 for perforations)

25. WAS DIRECTIONAL SURVEY MADE  
No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
CBL, DLL, CNL 9-23-97

27. WAS WELL CORED  
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	250.35'	12 1/4	155 sx Prem + w/ 2% gel floccle	2% CC + 1/4#/sk
5 1/2	15.5#	5927.70'	7 7/8	325 sx Hibond & 305 sx Thixo	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

CP 5779'-86', 5804'-08', 5839'-49'  
A 5242'-50', 5322'-30', 5390'-5402'  
B 5043'-48', 5073'-90', 5134'-39'  
D 4822'-29', 4834'-40'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See Back	

33. PRODUCTION

DATE FIRST PRODUCTION 8/16/97 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 2 1/2" X 1 1/2" X 15' RHAC pump WELL STATUS (Producing or shut-in) producing

DATE OF TEST 14 Day Avg HOURS TESTED 8/97 CHOKE SIZE N/A PROD'N. FOR TEST PERIOD → OIL—BBL. 140 GAS—MCF. 83 WATER—BBL. 32 GAS-OIL RATIO .593

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE → OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold & Used for Fuel TEST WITNESSED BY

35. LIST OF ATTACHMENTS  
Logs in Item #26

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED Cheryl Cameron TITLE Regulatory Compliance Specialist DATE 9/16/97

\*(See Instructions and Spaces for Additional Data on Reverse Side)



37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Garden Gulch Mkr	4130'		#32. Perf CP sd 5779'-86', 5804'-08', 5839'-49' Frac w/ 110,800# 20/40 sd in 508 BG  Perf A sd 5242'-50', 5322'-30', 5390'-5402' Frac w/ 116,900# 20/40 sd in 461 BG  Perf B sd 5043'-48', 5073'-90', 5134'-39' Frac w/ 122,900# 20/40 sd in 509 BG  Perf D sd 4822'-29', 4834'-40', Frac w/ 104,000# 20/40 sd in 461 BG			
Point 3 Mkr	4465'					
X Mkr	4645'					
Y Mkr	4683'					
Douglas Ck Mkr	4793'					
BiCarbonate Mkr	5032'					
B Limestone Mkr	5150'					
Castle Peak	5680'					

## MONTHLY OIL AND GAS PRODUCTION REPORT

**\*ASHLEY UNIT EFF 12-22-94; ENTITY CHANGES TO 12419 EFF 6/98; UPDATED 7-15-98.**

Operator name and address

INLAND PRODUCTION COMPANY

P.O. BOX 1446

ROOSEVELT

UT 84066

Utah Account No: N5160

Report Period (Month/Year) 04/98

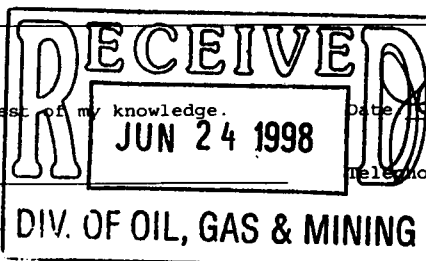
Amended Report | | (Highlight Changes)

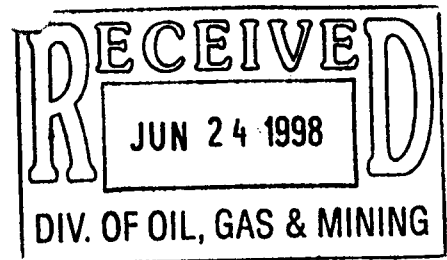
Well Name					Producing	Well	Days	Production Volume		
API Number	Entity	Location			Zone	Status	Oper	OIL (BBL)	GAS (MSCF)	WATER (BBL)
8-1 ASHLEY FEDERAL										
4301331809	12128	1	9S	15E	GRRV	POW	29	568	2273	0
9-1 ASHLEY FEDERAL										
4301331859	12129	1	9S	15E	GRRV	POW	27	69	811	199
2-1 NORTH ASHLEY FEDERAL										
4301331883	12167	1	9S	15E	GRRV	POW	30	688	2131	901
1-29 TAR SANDS FEDERAL										
4301331743	12168	29	8S	17E	GRRV	POW	30	614	1550	0
*10-1 ASHLEY FEDERAL *										
4301331825	12169	1	9S	1 5E	GRRV	POW	30	846	3574	0
5-281 TAR SANDS FEDERAL										
4301331697	12171	28	8S	17E	GRRV	POW	30	688	5075	0
13-28 TAR SANDS FEDERAL										
4301331771	12176	28	8S	17E	GRRV	POW	30	577	6194	0
1-1 NORTH ASHLEY FEDERAL										
4301331787	12185	1	9S	15E	GRRV	POW	30	369	557	0
26-13 BOLLWEEVIL										
4301330770	12187	26	8S	16E	GRRV	SOW	0	0	0	0
16-23 MONUMENT BUTTE FEDERAL										
4301331474	12187	23	8S	16E	GRRV	POW	29	812	4957	112
13-26 MONUMENT BUTTE FEDERAL										
4301331512	12187	26	8S	16E	GRRV	<del>POW</del> *	0	0	0	0
4-25 MONUMENT BUTTE FEDERAL										
4301331639	12187	25	8S	16E	GRRV	POW	30	160	2062	107
10-26 MONUMENT BUTTE FEDERAL										
4301331668	12187	26	8S	16E	GRRV	POW	29	487	5511	0
TOTAL								5878	34695	1319

Comments:

*\* Converted to injection*

I hereby certify that this report is true and complete to the best of my knowledge.

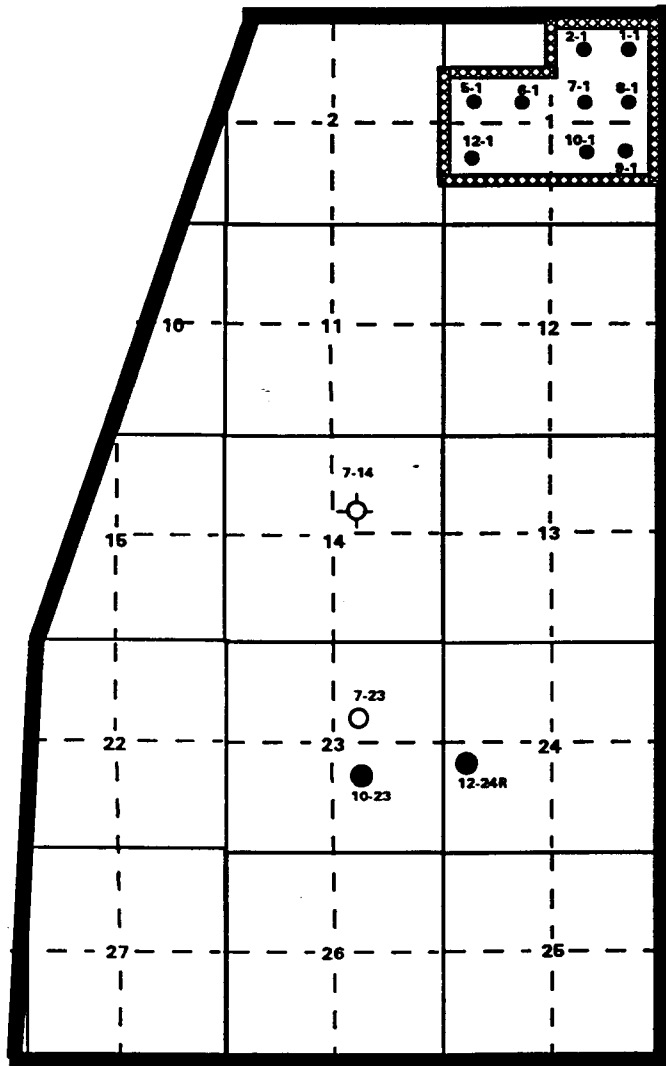
Name & Signature  
(6/93)Date: June 16, 1998  
Telephone: (435) 722-5103



# ASHLEY UNIT

## Duchesne County, Utah

EFFECTIVE: DECEMBER 22, 1994



9S

15E



UNIT OUTLINE (UTU73520X)



GREEN RIVER PA "A"

8,277.43 ACRES

GRRV PA "A"  
ALLOCATION

FEDERAL 100%

400.12 Acres

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

**U-74826**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**ASHLEY (GR RVR)**

8. Well Name and No.

**ASHLEY FEDERAL 10-1**

9. API Well No.

**43-013-31825**

10. Field and Pool, or Exploratory Area

**UNDESIGNATED**

11. County or Parish, State

**DUCHESNE COUNTY, UTAH**

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**1955 FSL 1764 FEL NW/SE Section 1, T09S R15E**

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

**TYPE OF SUBMISSION**

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

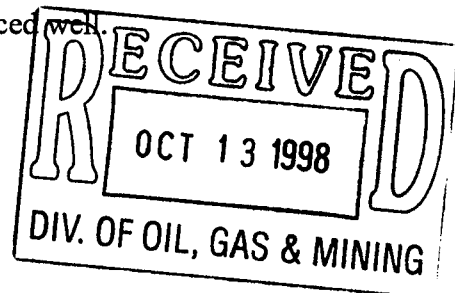
☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **Site Security**

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct

Signed

*Lebbie E. Knight* Title

**Manager, Regulatory Compliance**

Date

**10/7/98**

(This space for Federal or State office use)

Approved by

Title

Date

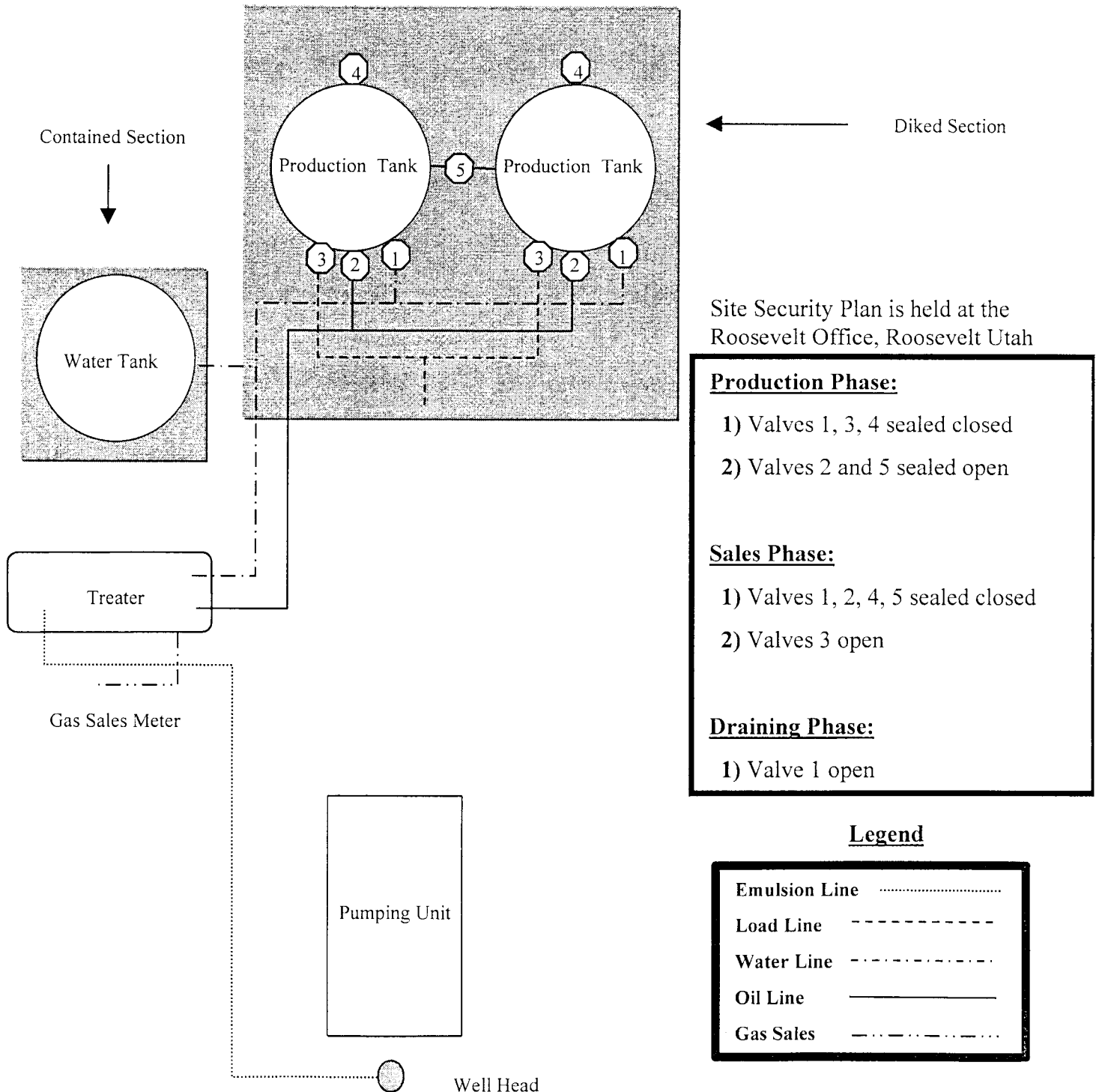
Conditions of approval, if any:

**CC: UTAH DOGM**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# Inland Production Company Site Facility Diagram

North Ashley 10-1  
NW/SE Sec. 1, T9S, 15E  
Duchesne County  
May 12, 1998





# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office  
From: Acting Chief, Branch of Fluid Minerals  
Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		



## Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State



ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas

SEP 02 2004  
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change****Merger**

The operator of the well(s) listed below has changed, effective:

**9/1/2004****FROM: (Old Operator):**

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

**TO: ( New Operator):**

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

**CA No.****Unit:****ASHLEY****WELL(S)**

NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NORTH ASHLEY 1-1	01	090S	150E	4301331787	12419	Federal	WI	A
NORTH ASHLEY 8-1	01	090S	150E	4301331809	12419	Federal	OW	P
ASHLEY FED 7-1	01	090S	150E	4301331824	12419	Federal	WI	A
ASHLEY FED 10-1	01	090S	150E	4301331825	12419	Federal	OW	P
ASHLEY FED 9-1	01	090S	150E	4301331859	12419	Federal	WI	A
ASHLEY FED 2-1	01	090S	150E	4301331883	12419	Federal	OW	P
ASHLEY FED 11-1	01	090S	150E	4301331926	12419	Federal	WI	A
ASHLEY FED 6-1	01	090S	150E	4301331927	12419	Federal	OW	P
ASHLEY FED 5-1-9-15	01	090S	150E	4301331998	12419	Federal	WI	A
ASHLEY FED 12-1-9-15	01	090S	150E	4301332000	12419	Federal	OW	P
ASHLEY FED 13-1-9-15	01	090S	150E	4301332001	12419	Federal	D	PA
ASHLEY FED 14-1	01	090S	150E	4301332002	12419	Federal	OW	P
ASHLEY FED 15-1	01	090S	150E	4301332003	12419	Federal	WI	A
ASHLEY FED 16-1	01	090S	150E	4301332004	12419	Federal	OW	P
ASHLEY U 3-1-9-15	01	090S	150E	4301332117	12419	Federal	WI	A
ASHLEY U 4-1-9-15	01	090S	150E	4301332118	12419	Federal	OW	P
ASHLEY U 1-12	12	090S	150E	4301332005	12419	Federal	WI	A
ASHLEY U 2-12	12	090S	150E	4301332006	12419	Federal	OW	P
ASHLEY U 4-12	12	090S	150E	4301332007	12419	Federal	OW	P
ASHLEY U 7-12	12	090S	150E	4301332008	12419	Federal	WI	A

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2) Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT 0056

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 61BSBDH2912

**FEE & STATE WELL(S) BOND VERIFICATION:**

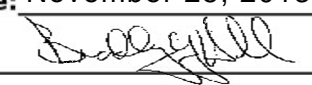
1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-74826
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> ASHLEY FED 10-1
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1955 FSL 1764 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSE Section: 01 Township: 09.0S Range: 15.0E Meridian: S		<b>9. API NUMBER:</b> 43013318250000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/23/2013	<input type="checkbox"/> SPUD REPORT Date of Spud:	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <p>The subject well has been converted from a producing oil well to an injection well on 10/22/2013. On 10/22/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/23/2013 the casing was pressured up to 1325 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.</p>		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto		<b>PHONE NUMBER</b> 435 646-4874
<b>SIGNATURE</b> N/A		<b>TITLE</b> Water Services Technician
<b>DATE</b> 10/28/2013		<b>Accepted by the Utah Division of Oil, Gas and Mining</b>  <b>Date:</b> November 25, 2013 <b>By:</b> 

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: \_\_\_\_\_

Date 10/23/2013 Time 9:00 am pm

Test Conducted by: Kevin Powell

Others Present: \_\_\_\_\_

Well: Ashley 10-1-CL-15

Field: Monument Butte

Well Location: NW/SE Sec. 1, T4S, R15E  
Duchesne County, Utah

API No: 43-013-31825

Time

Casing Pressure

0 min	<u>1325</u>	psig
5		psig
10		psig
15		psig
20		psig
25		psig
30 min		psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 0 psig

Result:

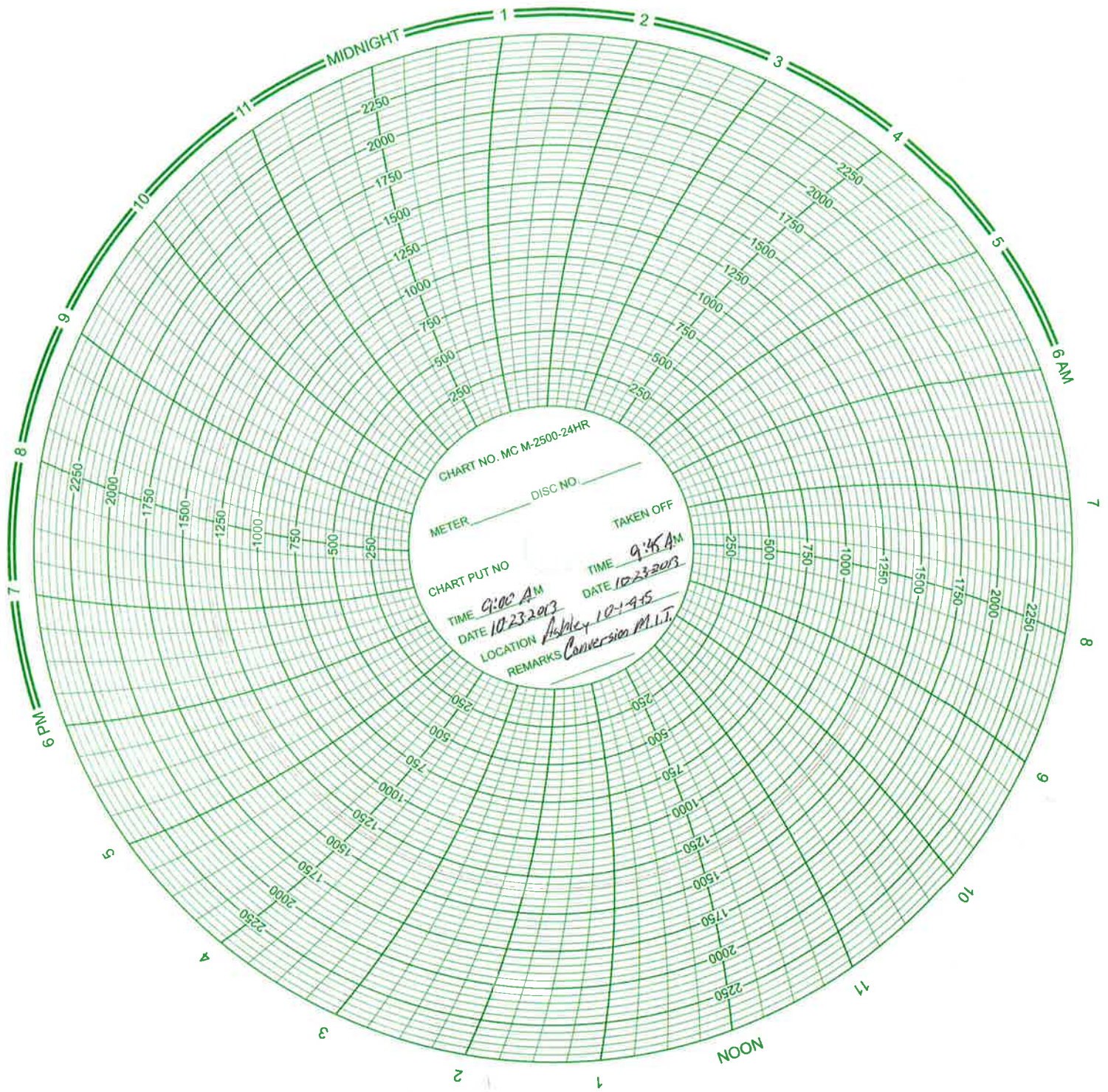
Pass

Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: Kevin Powell







Day 1

<b>NEWFIELD</b>		<b>Final Daily Workover Report</b>		Well Name:	ASHLEY 10-1-9-15
		INJCNV		AFE:	41908
				Report Date:	10/18/2013
				Operation:	RU RIG PUMP 60 BW DOWN CSG
				Work Performed:	10/17/2013
Field:	GMBU CTB2	Rig Name:		Day:	1
Location:	S1 T9S R15E	Supervisor:	David Cloward	Daily Cost:	\$17,865
County:	DUCHESNE	Phone:	435- 823-0012	Cum DWR:	\$17,865
State:	UT	Email:	dcloward@newfield.com		
Reason for Workover:	Conversion				

## Failures

Failure Date	Failure 1	Failure 2	Failure 3	Failure 4	Failure 5
1/7/2010	Sucker Rod Part	Body	Other		
8/14/2009	Sucker Rod Part	Body	Other		

## Summaries

24 Hr. Summary:	FLUSH RODS W/40 BW SEAT PUMP PSI TEST TBG AND BLOW HOLE				
24 Hr. Plan Forward:	CONTINUE CONVERSION				
Incidents:	None	Newfield Pers:	1	Contract Pers:	5
		Conditions:			

## Activity Summary

P: CREW TRAVEL SAFETY MEETING WAIT FOR BENCO TO ARRIVE INSTALL 1 DEAD MAN AND PULL TEST 4 DEAD MAN ANCHORS RU RIG PUMP 60 BW DOWN CSG RDPUNSEAT PUMP FLUSH RODS W/40 BW SEAT PUMP PSI TEST TBG AND BLOW HOLE @2500 PSI W/10 BW LD 1-1/2X22 FT POLISH ROD, 2FTX 7/8 IN PONY, 75-4PER 7/8IN , 26-4PER 3/4IN, 69-SLK3/4", 39-4PER3/4", 6X1-1/2" WT BARS, PUMP, FLUSHED ONE MORE TIME W/30 BW, XO TO TBG EQ NDWH TAC NOT SET NU BOP RU TBG EQ PU RIH W/6 JTS TAG FILL @5604 FT -288 FT FILL ON PBTD LD 6 JTS TOOH TAILLING TBG BREAKING INSPECTING & GREEN DOPING EVERY CONNECTION W/120 JTS 2-7/8" J-55 TBG SWI READY TO FLUSH IN AM SFDN

## Activity Summary

P: flush tbg w/ 30 bw cont tooh talling tbg, breaking, inspecting, and green doping every connection w/31 more jts 2-7/8 j-55 tbg and cont tooh w/ tbg string 5-1/2 tac, 3-jts, sn, 2 jts, nc, found hole in jt # 167 9:30 tih w/ chisle collar, flapper, 2' tbg sub, flapper, 24 jts tbg safety, bailer, drain sub, 147 jts tbg, pu & rih w/ 13 jts tag @ 5,789, attempt to bail from 10:30 ? 12:30 no luck making any hole tooh w/ tbg and bailer assembly changed out 12 x 2-7/8" collars recovered 2' sand from well mark's on chisle collar indicate some thing hard and round in well like a cibp?clean up rig floor w/ hotoiler swi

## Activity Summary

P: Wait 2 hours on orders , TIH W/ 4 3/4 bladed mill, BS, SN, 184JTS 2 7/8 J-55 tbg striped washington rubber, RU BBS power Swivel RU pump & pump line 11:15am-12:15 pump 120BW to catch circ tag @ 5790' mill for 50 minutes fall throw 8' down to 5848'mill for 2 hours down to 5858' 10 below bottom perf 3:50pm circ well clean RD RBS power swivel 4:30TOH W/186JTS TBG SN,BS Mill SWL drain up pump line.

## Activity Summary

P: 7:00 tih w/ 32 jts tbg ld 32 jts tbg tih w/ 2-3/8" wl entry guide, xn nipple w/ 1.875 profile, 2-3/8" tbg sub, 2-3/8"x2-7/8" x/over, 5-1/2" AS-1X pkr, on-off tool, 2-7/8" sn, 151jts 2-7/8" j-55 tbg, psi tested tbg 3 tomes on tih used 40 bw 10:40-1:00 get good test for 30 min had to psi back up 1 time ret sv w/ sand line nd bop set pkr @ 4768', for 15,000# tension, SN @ 4762', XN nipple @ 4777', EOT @ 4778' land tbg w/ injection tree mix 20 gall pkr fluid w/ 60 bbls fresh water psi test csg to 1,500 psi w/ 50 bw 1:10-2:15 good test rd rig ready to road in AM clean up loc 4:30 sdfn

## Activity Summary

9:00 AM - 9:30 AM; 0.5 Hr(s); P: On 10/22/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/23/2013 the casing was pressured up to 1325 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

## Casing Data

Type	Size	Weight	Grade	Conn.	Top	Bottom	PHDT	Upd. PHDT	TOC	Burst	Collapse	ID	Drift	Capacity	Comments
Surface	8 5/8"	24	J-55	STC		307	5892	5892.0							
Production	5 1/2"	15.5	J-55	LTC		5938	5892	5892.0							

## Tubing Data

Component	JTS	Size	Weight	Grade	Conn.	Length	Top	Bottom	Condition	Transferred From	Comments
KB						10.0		10'			
Tubing	151	2-7/8"		J-55		4752.8	10.0	4762.76'	B		
Seating Nipple	1	2-7/8"		J-55		1.1	4762.8	4763.86'	A		
ON/off tool	1	2-7/8"				1.8	4763.9	4765.67'	A		
Packer	1	2-7/8"				7.0	4765.7	4772.62'	A		
XO	1	2-3/8"				0.5	4772.6	4773.12'	A		
Tubing Pup	1	2-3/8"				4.1	4773.1	4777.22'	A		
XN Nipple	1	2-3/8"				1.2	4777.2	4778.43'	A		

Spud Date: 7/15/97

Put on Production: 8/16/97

GL: 5381' KB: 5391'

## Ashley Federal 10-1-9-15

Initial Production: 115

BOPD, 83 MCFPD, 3 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (287.73')

DEPTH LANDED: 297.43'

HOLE SIZE: 12-1/4"

CEMENT DATA: 155 sxs Premium cmt, est 8 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 141 jts (5927.70')

DEPTH LANDED: 5938.02' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 325 sxs Hibond mixed &amp; 305 sxs thixotropic

CEMENT TOP AT: 600'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 151 jts (4752.8')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4762.8' KB

ON/OFF TOOL AT: 4763.9'

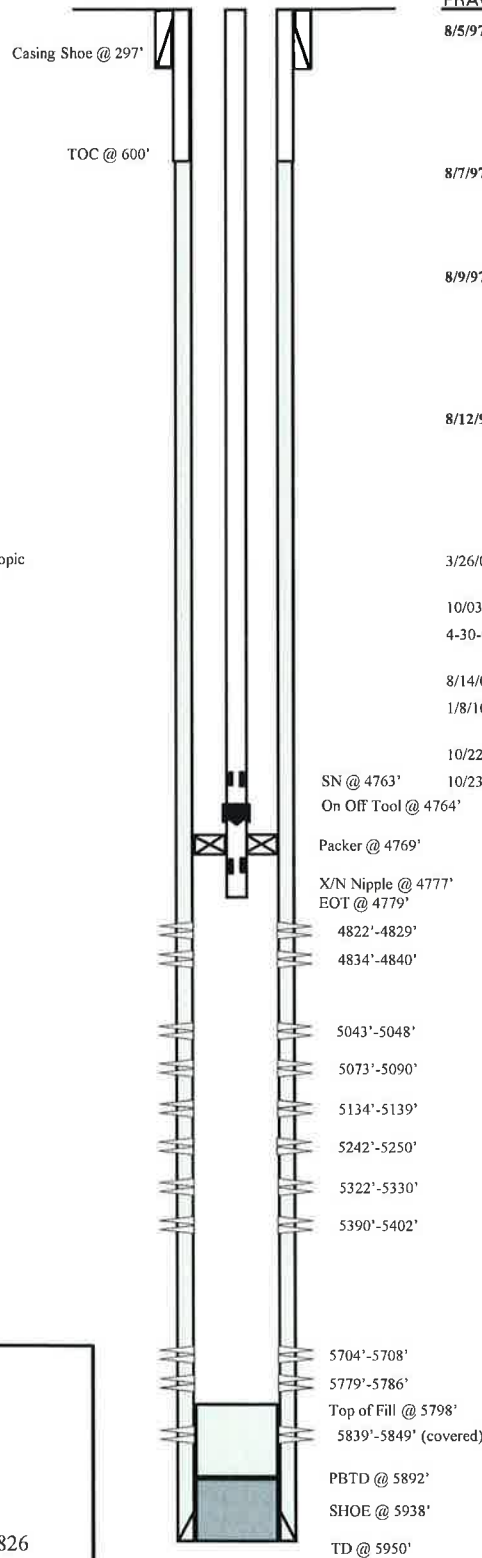
ARROW #1 PACKER CE AT: 4769'

XO 2-3/8 x 2-7/8 J-55 AT: 4772.6'

TBG PUP 2-3/8 J-55 AT: 4773.1'

X/N NIPPLE AT: 4777.2'

TOTAL STRING LENGTH: EOT @ 4778.81'

Injection Wellbore  
DiagramFRAC JOB

8/5/97 5704'-5849'

**Frac CP sand as follows:**

110,800# of 20/40 sand in 508 bbls of Boragel Breakdown @ 3259 psi. Treated @ avg rate of 30.5 bpm w/avg press of 6450 psi. ISIP-2328 psi, 5-min 1931 psi. Flowback on 12/64" ck for 3 - 1/2 hours and died.

8/7/97 5242'-5402'

**Frac A sand as follows:**

116,900# of 20/40 sand in 461 bbls of Hybor gel Breakdown @ 2637 psi. Treated @ avg rate of 34.8 bpm w/avg press of 4500 psi. ISIP-4114. Screen Out.

8/9/97 5043'-5139'

**Frac B sands as follows:**

122,900# of 20/40 sand in 509 bbls of # Boragel Breakdown @ 4750 psi. Treated @ avg rate of 28.0 bpm w/avg press of 6856 psi. ISIP-2093 psi, 5-min 2033 psi. Flowback on 12/64" ck for 3 - 1/2 hours and died.

8/12/97 4822'-4840'

**Frac D sands as follows:**

104,000# of 20/40 sand in 461 bbls of # Boragel Breakdown @ 3271 psi. Treated @ avg rate of 25.8 bpm w/avg press of 5100 psi. ISIP-2938 psi, 5-min 2676 psi. Flowback on 12/64" ck for 4 hours and died.

3/26/03

**Tubing Leak** Update rod and tubing details.

10/03/03

**Pump Change**

4-30-07

**Parted Rods:** Updated rod and tubing detail.

8/14/09

**Parted rods.** Updated rod & tubing

1/8/10

**Parted rods.** Updated rod and tubing detail.

10/22/13

**Convert to Injection Well**

10/23/13

**Conversion MIT Finalized** – update thg detail

SN @ 4763'

On Off Tool @ 4764'

Packer @ 4769'

X/N Nipple @ 4777'

EOT @ 4779'

4822'-4829'

4834'-4840'

5043'-5048'

5073'-5090'

5134'-5139'

5242'-5250'

5322'-5330'

5390'-5402'

5704'-5708'

5779'-5786'

Top of Fill @ 5798'

5839'-5849' (covered)

PBSD @ 5892'

SHOE @ 5938'

TD @ 5950'

PERFORATION RECORD

8/5/97	5839'-5849'	4 JSPF	40 holes
8/5/97	5779'-5756'	4 JSPF	28 holes
8/5/97	5704'-5708'	4 JSPF	16 holes
8/7/97	5390'-5402'	4 JSPF	48 holes
8/7/97	5322'-5330'	4 JSPF	32 holes
8/7/97	5242'-5250'	4 JSPF	32 holes
8/9/97	5134'-5139'	4 JSPF	20 holes
8/9/97	5073'-5090'	4 JSPF	68 holes
8/9/97	5043'-5048'	4 JSPF	20 holes
8/12/97	4834'-4840'	4 JSPF	24 holes
8/12/97	4822'-4829'	4 JSPF	28 holes

**NEWFIELD****Ashley Federal 10-1-9-15**

1955' FSL 1764' FEL

NW/SE Section 1-T9S-R15E

Duchesne Co, Utah

API #43-013-31825; Lease #UTU-74826



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74826
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well		8. WELL NAME and NUMBER: ASHLEY FED 10-1
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013318250000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1955 FSL 1764 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 01 Township: 09.0S Range: 15.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/18/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 10:00 AM on  
12/18/2013.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 December 23, 2013

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 12/19/2013



GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## UNDERGROUND INJECTION CONTROL PERMIT


Cause No. UIC-375

**Operator:** Newfield Production Company  
**Well:** Ashley Federal 10-1  
**Location:** Section 1, Township 9 South, Range 15 East  
**County:** Duchesne  
**API No.:** 43-013-31825  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on May 26, 2011.
2. Maximum Allowable Injection Pressure: 2,000 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,118' – 5,892')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:

  
John Rogers  
Associate Director

12/2/2013  
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Jill Loyle, Newfield Production Company, Denver  
Newfield Production Company, Myton  
Duchesne County  
Well File

N:\O&G Reviewed Docs\ChronFile\UIC





GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

May 26, 2011

Newfield Production Company  
1001 Seventeenth Street, Suite 2000  
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Ashley Federal 10-1, Section 1, Township 9 South, Range 15 East, SLBM, Duchesne County, Utah, API Well # 43-013-31825

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

John Rogers  
Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Duchesne County  
Newfield Production Company, Myton  
Well File

N:\O&G Reviewed Docs\ChronFile\UIC





**DIVISION OF OIL, GAS AND MINING  
UNDERGROUND INJECTION CONTROL PROGRAM  
PERMIT  
STATEMENT OF BASIS**

**Applicant:** Newfield Production Company      **Well:** Ashley Federal 10-1-9-15

**Location:** 1/9S/15E      **API:** 43-013-31825

**Ownership Issues:** The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

**Well Integrity:** The proposed well has surface casing set at 297 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,938 feet. A cement bond log demonstrates adequate bond in this well up to about 3,268 feet. A 2 7/8 inch tubing with a packer will be set at 4,772 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. On the basis of surface locations, there are 8 producing wells, 4 injection wells, and 1 shut-in well in the AOR. One of the producing wells is directionally drilled with a surface location inside the AOR and a bottom hole location outside the AOR. All of the wells have evidence of adequate casing and cement.

**Ground Water Protection:** As interpreted from Technical Publication No. 92, the base of moderately saline water is at a depth of approximately 500 feet. Injection shall be limited to the interval between 4,118 feet and 5,892 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 10-1-9-15 well is 0.85 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,060 psig. The requested maximum pressure is 2,060 psig. We intend to permit this well at a maximum pressure of 2,000 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

**Ashley Federal 10-1-9-15**

**page 2**

**Oil/Gas& Other Mineral Resources Protection:** The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

**Bonding:** Bonded with the BLM

**Actions Taken and Further Approvals Needed:** A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold

Date 5/3/2011

4770 S. 5600 W.  
P.O. BOX 704005  
WEST VALLEY CITY, UTAH 84170  
FED.TAX I.D.# 87-0217663

The Salt Lake Tribune

MEDIA One  
A NEWSPAPER AGENCY COMPANY  
WWW.MEDIAONEUTAH.COM

Deseret News  
WWW.DESERETNEWS.COM

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING,  1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	0001402352 <b>RECEIVED</b> <b>MAY 03 2011</b>	4/25/2011

ACCOUNT NAME			
DIV OF OIL-GAS & MINING,			
TELEPHONE	ADORDER# / INVOICE NUMBER		
8015385340	0000683159 /		
SCHEDULE			
Start 04/22/2011		End 04/22/2011	
CUST. REF. NO.			
Cause No. UIC-375			
CAPTION			
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RE			
SIZE			
74	Lines	2.00	COLUMN
TIMES		RATE	
4			
MISC. CHARGES		AD CHARGES	
TOTAL COST			
253.64			

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-375

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 1, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 7, 12, 17, AND 18, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

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Ashley 10-1 well located in NW/4 SE/4, Section 1, Township 9 South, Range 15 East  
Ashley Federal 12-1-9-15 well located in NW/4 SW/4, Section 1, Township 9 South, Range 15 East  
Ashley Federal 14-1 well located in SE/4 SW/4, Section 1, Township 9 South, Range 15 East  
Ashley Federal 16-1 well located in SE/4 SE/4, Section 1, Township 9 South, Range 15 East  
Nine Mile 4-7-9-16 well located in NW/4 NW/4, Section 7, Township 9 South, Range 16 East  
Monument Federal 41-121 well located in NE/4 NE/4, Section 12, Township 9 South, Range 16 East  
West Point 4-12-9-16 well located in NW/4 NW/4, Section 17, Township 9 South, Range 16 East  
Monument Butte Federal 31-18-9-16 well located in NW/4 NE/4, Section 18, Township 9 South, Range 16 East

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801; phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 18th day of April, 2011.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING  
s/ Brad Hill  
Brad Hill  
Permitting Manager

683159 UPAXLP

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-375 IN THE MATTER OF THE APPLICATION FOR DIV OF OIL-GAS & MINING**, WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINATELY.

PUBLISHED ON Start 04/22/2011 End 04/22/2011

SIGNATURE

4/25/2011

VIRGINIA CRAFT  
Notary Public, State of Utah  
Commission # 561490  
My Commission Expires  
January 12, 2014

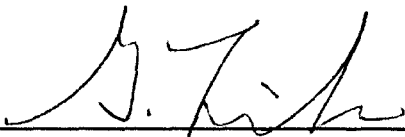
Virginia Craft

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"  
PLEASE PAY FROM BILLING STATEMENT

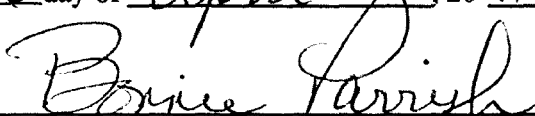
# AFFIDAVIT OF PUBLICATION

County of Duchesne,  
STATE OF UTAH

I, Geoff Liesik on oath, say that I am the EDITOR of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 26 day of April, 20 11, and that the last publication of such notice was in the issue of such newspaper dated the 26 day of April, 20 11, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

  
Editor

Subscribed and sworn to before me this

26 day of April, 20 11  
  
Notary Public



## NOTICE OF AGENCY ACTION CAUSE NO. UIC-375

BEFORE THE DIVISION OF OIL, GAS AND MINING, DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 1, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 7, 12, 17, AND 18, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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Ashley 10-1 well located in NW/4 SE/4, Section 1, Township 9 South, Range 15 East

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Ashley Federal 16-1 well located in SE/4 SE/4, Section 1, Township 9 South, Range 15 East

Nine Mile 4-7-9-16 well located in NW/4 NW/4, Section 7, Township 9 South, Range 16 East



BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-375

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Monument Federal 41-12J well located in NE/4 NE/4, Section 12, Township 9 South, Range 16 East  
West Point 4-17-9-16 well located in NW/4 NW/4, Section 17, Township 9 South, Range 16 East  
Monument Butte Federal 31-18-9-16Y well located in NW/4 NE/4, Section 18, Township 9 South, Range 16 East

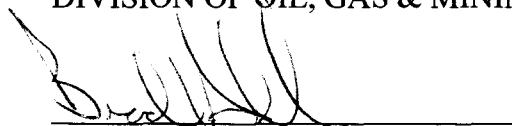
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Dated this 18th day of April, 2011.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING



Brad Hill  
Permitting Manager

**Newfield Production Company**

**ASHLEY U 4-1-9-15, ASHLEY FEDERAL 6-1,  
ASHLEY 10-1, ASHLEY FEDERAL 12-1-9-15,  
ASHLEY FEDERAL 14-1, ASHLEY FEDERAL 16-1,  
NINE MILE 4-7-9-16, MONUMENT FEDERAL 41-12J,  
WEST POINT 4-17-9-16, MONUMENT BUTTE FEDERAL 31-18-9-16Y**

**Cause No. UIC-375**

Publication Notices were sent to the following:

Newfield Production Company  
1001 17th Street, Suite 2000  
Denver, CO 80202

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066  
via e-mail [legals@ubstandard.com](mailto:legals@ubstandard.com)

Salt Lake Tribune  
P O Box 45838  
Salt Lake City, UT 84145  
via e-mail [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)


Vernal Office  
Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078

Duchesne County Planning  
P O Box 317  
Duchesne, UT 84021-0317

Bruce Suchomel  
US EPA Region 8  
MS 8P-W-GW  
1595 Wynkoop Street  
Denver, CO 80202-1129

SITLA  
675 East 500 South  
Salt Lake City, UT 84102-2818

Newfield Production Company  
Rt 3 Box 3630  
Myton, UT 84052

A handwritten signature in black ink, appearing to read "Jean Sweet", is written over a horizontal line.



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

April 18, 2011

Via e-mail: [legals@ubstandard.com](mailto:legals@ubstandard.com)

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-375

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure



**Jean Sweet - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-375**

---

**From:** Cindy Kleinfelter <classifieds@ubstandard.com>  
**To:** Jean Sweet <jsweet@utah.gov>  
**Date:** 4/19/2011 4:12 PM  
**Subject:** Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-375

---

On 4/18/2011 2:28 PM, Jean Sweet wrote:

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary  
Utah Div. of Oil, Gas & Mining  
1594 West Temple, Suite 1210  
Salt Lake City, UT  
801-538-5329  
[jsweet@utah.gov](mailto:jsweet@utah.gov)

This will be published April 26. Thank you.  
Cindy



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

April 18, 2011

VIA E-MAIL [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

Salt Lake Tribune  
P. O. Box 45838  
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-375

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure



## Order Confirmation for Ad #0000683159-01

<b>Client</b>	DIV OF OIL-GAS & MINING	<b>Payor Customer</b>	DIV OF OIL-GAS & MINING
<b>Client Phone</b>	801-538-5340	<b>Payor Phone</b>	801-538-5340
<b>Account#</b>	9001402352	<b>Payor Account</b>	9001402352
<b>Address</b>	1594 W NORTH TEMP #1210, P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	<b>Payor Address</b>	1594 W NORTH TEMP #1210, P.O. BOX SALT LAKE CITY, UT 84114
<b>Fax</b>	801-359-3940	<b>Ordered By</b>	<b>Acct. Exec</b>
<b>EMail</b>	earlenerussell@utah.gov	Jean Sweet	Ivaldez

<b>Total Amount</b>	<b>\$253.64</b>			
<b>Payment Amt</b>	<b>\$0.00</b>			
<b>Amount Due</b>	<b>\$253.64</b>	<b>Tear Sheets</b>	<b>Proofs</b>	<b>Affidavits</b>
		0	0	1
<b>Payment Method</b>		<b>PO Number</b>	Cause No. UIC-375	
<b>Confirmation Notes:</b>				
<b>Text:</b>				

<b>Ad Type</b>	<b>Ad Size</b>	<b>Color</b>
Legal Liner	2.0 X 74 Li	<NONE>

<b>Product</b>	<b>Placement</b>	<b>Position</b>
Salt Lake Tribune::	Legal Liner Notice - 0998	998-Other Legal Notices
<b>Scheduled Date(s):</b>	04/22/2011	
<b>Product</b>	<b>Placement</b>	<b>Position</b>
Deseret News::	Legal Liner Notice - 0998	998-Other Legal Notices
<b>Scheduled Date(s):</b>	04/22/2011	
<b>Product</b>	<b>Placement</b>	<b>Position</b>
sltrib.com::	Legal Liner Notice - 0998	998-Other Legal Notices
<b>Scheduled Date(s):</b>	04/22/2011	
<b>Product</b>	<b>Placement</b>	<b>Position</b>
utahlegals.com::	utahlegals.com	utahlegals.com
<b>Scheduled Date(s):</b>	04/22/2011	

### Ad Content Proof Actual Size

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-375

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 1, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 7, 12, 17, AND 18, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESSNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:  
Ashley U 4-1-9-15 well located in NW/4 NW/4, Section 1, Township 9 South, Range 15 East  
Ashley Federal 6-1 well located in SE/4 NW/4, Section 1, Township 9 South, Range 15 East  
Ashley 10-1 well located in NW/4 SE/4, Section 1, Township 9 South, Range 15 East  
Ashley Federal 12-1-9-15 well located in NW/4 SW/4, Section 1, Township 9 South, Range 15 East  
Ashley Federal 14-1 well located in SE/4 SW/4, Section 1, Township 9 South, Range 15 East  
Ashley Federal 16-1 well located in SE/4 SE/4, Section 1, Township 9 South, Range 15 East  
Nine Mile 4-7-9-16 well located in NW/4 NW/4, Section 7, Township 9 South, Range 16 East  
Monument Federal 41-12J well located in NE/4 NE/4, Section 12, Township 9 South, Range 16 East  
West Point 4-17-9-16 well located in NW/4 NW/4, Section 17, Township 9 South, Range 16 East  
Monument Butte Federal 31-18-9-16Y well located in NW/4 NE/4, Section 18, Township 9 South, Range 16 East

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Greer River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 18th day of April, 2011.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING  
/s/ Brad Hill  
Brad Hill  
Permitting Manager

683159

UPAXLP



April 4, 2011

Mr. Dan Jarvis  
State of Utah  
Division of Oil, Gas and Mining  
Post Office Box 145801  
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well  
Ashley Federal #10-1-9-15  
Monument Butte Field, Lease #UTU-74826  
Section 1-Township 9S-Range 15E  
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Ashley Federal #10-1-9-15 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Eric Sundberg  
Regulatory Lead

**RECEIVED**

**APR 11 2011**

**DIV. OF OIL, GAS & MINING**

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**ASHLEY FEDERAL #10-1-9-15**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**LEASE #UTU-74826**  
**APRIL 4, 2011**

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**DIV. OF OIL, GAS & MINING**



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COVER PAGE	
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STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company  
ADDRESS 1001 17th Street, Suite 2000  
Denver, Colorado 80202

Well Name and number: Ashley #10-1-9-15  
Field or Unit name: Monument Butte (Green River) Lease No. UTU-74826  
Well Location: QQ NWSE section 1 township 9S range 15E county Duchesne

Is this application for expansion of an existing project? ..... Yes ☒ No ☐

Will the proposed well be used for: Enhanced Recovery? ..... Yes ☒ No ☐  
Disposal? ..... Yes ☐ No ☒  
Storage? ..... Yes ☐ No ☒

Is this application for a new well to be drilled? ..... Yes ☐ No ☒

If this application is for an existing well,  
has a casing test been performed on the well? ..... Yes ☐ No ☒

Date of test: \_\_\_\_\_

API number: 43-013-31825

Proposed injection interval: from 4118 to 5892  
Proposed maximum injection: rate 500 bpd pressure 2060 psig  
Proposed injection zone contains ☒ oil, ☐ gas, and/or ☐ fresh water within 1/2  
mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should  
accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Eric Sundberg

Title: Regulatory Lead

Phone No. (303) 893-0102

Signature 

Date 4/5/11

(State use only)

Application approved by \_\_\_\_\_ Title \_\_\_\_\_

Approval Date \_\_\_\_\_

Comments:

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# Ashley Federal #10-1-9-15

Spud Date: 7/15/97

Put on Production: 8/16/97

GL: 5381' KB: 5391'

## SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (287.73')

DEPTH LANDED: 297.43'

HOLE SIZE: 12-1/4"

CEMENT DATA: 155 sxs Premium cmt, est 8 bbls to surf.

## PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 141 jts. (5927.70')

DEPTH LANDED: 5938.02' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 325 sxs Hibond mixed & 305 sxs thixotropic

CEMENT TOP AT: 600'

## TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 168 jts (5288.9')

TUBING ANCHOR: 5288.9' KB

NO. OF JOINTS: 3 jts (5291.7')

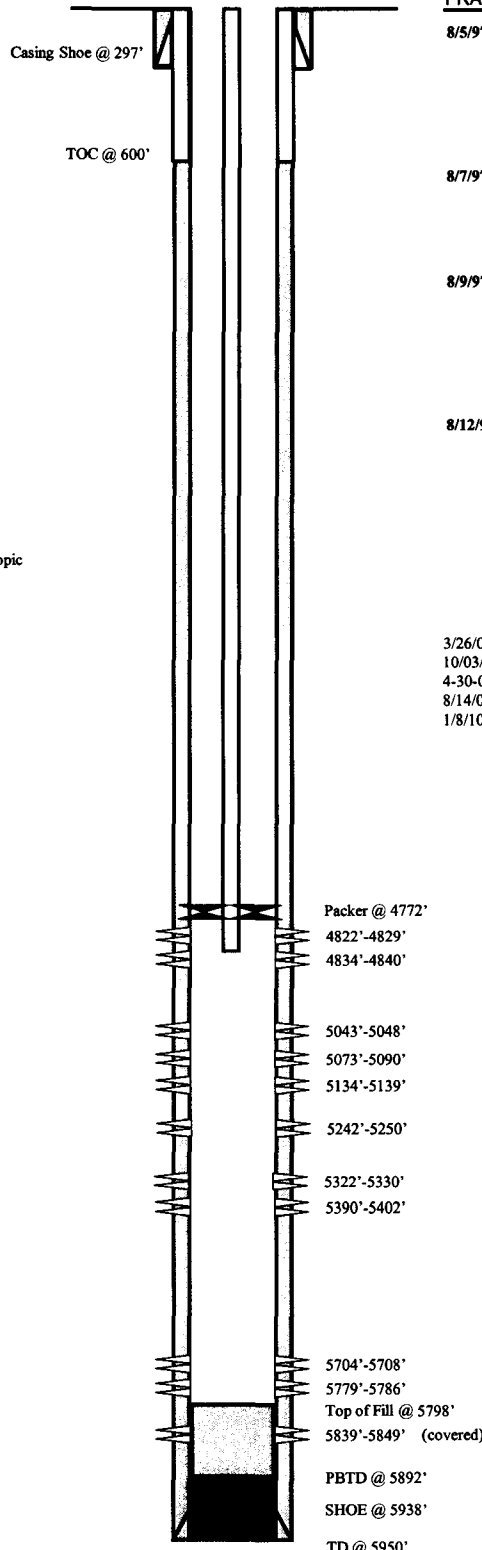
SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 5383.0' KB

NO. OF JOINTS: 2 jts (5384.1')

TOTAL STRING LENGTH: EOT @ 5448' KB

## Proposed Injection Wellbore Diagram



Initial Production: 115

BOPD, 83 MCFPD, 3 BWPD

## FRAC JOB

8/5/97	5704'-5849'	<b>Frac CP sand as follows:</b> 110,800# of 20/40 sand in 508 bbls of Boragel. Breakdown @ 3259 psi. Treated @ avg rate of 30.5 bpm w/avg press of 6450 psi. ISIP-2328 psi, 5-min 1931 psi. Flowback on 12/64" ck for 3 - 1/2 hours and died.
8/7/97	5242'-5402'	<b>Frac A sand as follows:</b> 116,900# of 20/40 sand in 461 bbls of Hybor gel. Breakdown @ 2637 psi. Treated @ avg rate of 34.8 bpm w/avg press of 4500 psi. ISIP-4114. Screen Out.
8/9/97	5043'-5139'	<b>Frac B sands as follows:</b> 122,900# of 20/40 sand in 509 bbls of # Boragel. Breakdown @ 4750 psi. Treated @ avg rate of 28.0 bpm w/avg press of 6856 psi. ISIP-2093 psi, 5-min 2033 psi. Flowback on 12/64" ck for 3 - 1/2 hours and died.
8/12/97	4822'-4840'	<b>Frac D sands as follows:</b> 104,000# of 20/40 sand in 461 bbls of # Boragel. Breakdown @ 3271 psi. Treated @ avg rate of 25.8 bpm w/avg press of 5100 psi. ISIP-2938 psi, 5-min 2676 psi. Flowback on 12/64" ck for 4 hours and died.

3/26/03  
10/03/03  
4-30-07  
8/14/09  
1/8/10

**Tubing Leak.** Update rod and tubing details.  
**Pump Change**  
**Parted Rods:** Updated rod and tubing detail.  
**Parted rods.** Updated rod & tubing  
**Parted rods.** Updated rod and tubing detail.

## PERFORATION RECORD

8/5/97	5839'-5849'	4 JSPF	40 holes
8/5/97	5779'-5756'	4 JSPF	28 holes
8/5/97	5704'-5708'	4 JSPF	16 holes
8/7/97	5390'-5402'	4 JSPF	48 holes
8/7/97	5322'-5330'	4 JSPF	32 holes
8/7/97	5242'-5250'	4 JSPF	32 holes
8/9/97	5134'-5139'	4 JSPF	20 holes
8/9/97	5073'-5090'	4 JSPF	68 holes
8/9/97	5043'-5048'	4 JSPF	20 holes
8/12/97	4834'-4840'	4 JSPF	24 holes
8/12/97	4822'-4829'	4 JSPF	28 holes



Ashley Federal #10-1-9-15

1955' FSL 1764' FEL

NW/SE Section 1-T9S-R15E

Duchesne Co, Utah

API #43-013-31825; Lease #UTU-74826

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DIV. OF OIL, GAS & MINING

## **WORK PROCEDURE FOR INJECTION CONVERSION**

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

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**DIV. OF OIL, GAS & MINING**

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS  
RULE R615-5-1**

1. **Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
2. **A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

**2.1 The name and address of the operator of the project.**

Newfield Production Company  
1001 17<sup>th</sup> Street, Suite 2000  
Denver, Colorado 80202

**2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.

**2.3 A full description of the particular operation for approval is requested.**

Approval is requested to convert the Ashley Federal #10-1-9-15 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

**2.4 A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.

**2.5 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the Ashley Federal #10-1-9-15 well, the proposed injection zone is from Garden Gulch to Castle Peak (4118' - 5892'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3777' and the TD is at 5950'.

**2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Ashley Federal #10-1-9-15 is on file with the Utah Division of Oil, Gas and Mining.

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DIV. OF OIL, GAS & MINING

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #UTU-74826) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

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DIV. OF OIL, GAS & MINING

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,  
STORAGE AND ENHANCED RECOVERY WELLS  
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

- 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

- 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

- 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 297' KB, and 5-1/2", 15.5# casing run from surface to 5938' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

- 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

- 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

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**The proposed average and maximum injection pressures.**

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 2060 psig.

- 2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient for the Ashley Federal #10-1-9-15, for existing perforations (4822' - 5849') calculates at 0.85 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 2060 psig. We may add additional perforations between 3777' and 5950'. See Attachments G and G-1.

- 2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the Ashley Federal #10-1-9-15, the proposed injection zone (4118' - 5892') is in the Garden Gulch to the Castle Peak of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

- 2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-12.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

- 2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

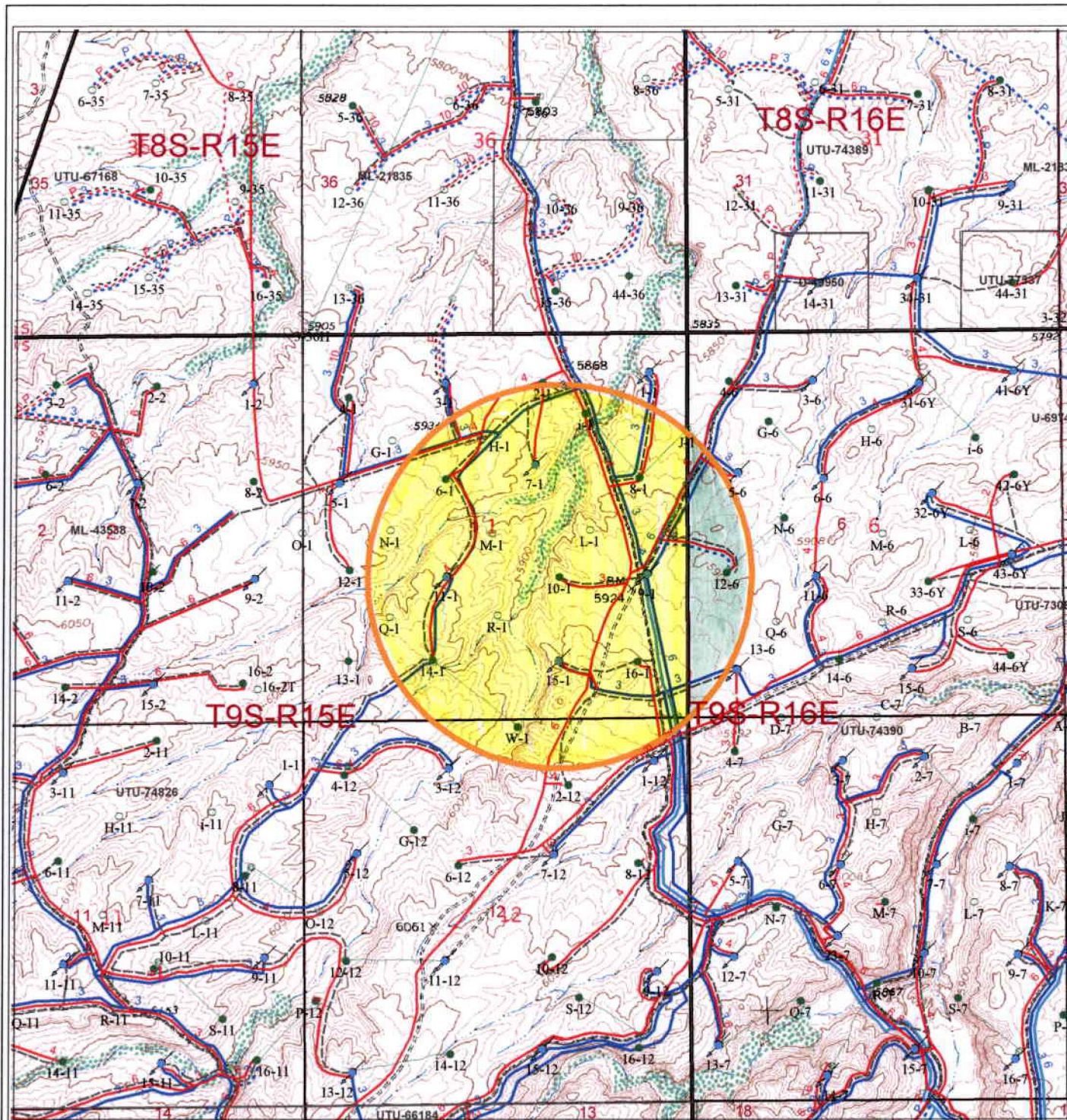
See Attachment C.

- 2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

Newfield Production Company will supply any requested information to the Board or Division.

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- Well Status**
- Location
  - ⊙ CTI
  - ⊙ Surface Spud
  - ⊙ Drilling
  - ⊙ Waiting on Completion
  - Producing Oil Well
  - ⊙ Producing Gas Well
  - ⊙ Water Injection Well
  - ⊙ Dry Hole
  - ⊙ Temporarily Abandoned
  - ⊙ Plugged & Abandoned
  - ⊙ Shut In
  - Countyline
  - 10\_1\_9\_15\_Buffer
- Injection system**
- high pressure
  - low pressure
  - proposed
  - return
  - return proposed
- Leases**
- Leases
  - Mining tracts
- Gas Pipelines**
- Gathering lines
  - Proposed lines

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UTU-74826

UTU-74390

Ashley 10-1  
Section 1, T9S-R15E

NEWFIELD



1" = 2000'

1/2 Mile Radius Map  
Duchesne & Uintah Counties

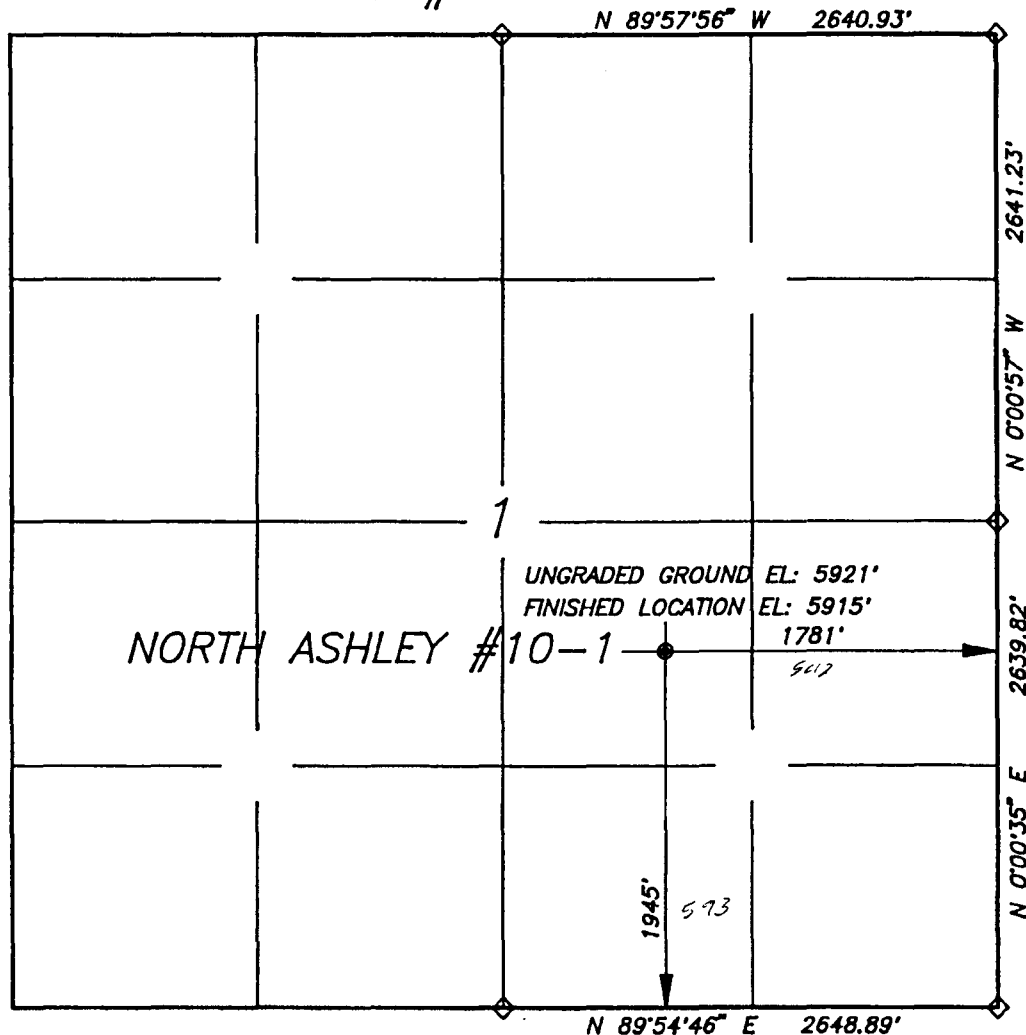
1001 17th Street Suite 2000  
Denver, Colorado 80202  
Phone: (303) 893-0102

January 17, 2011



INLAND PRODUCTION CO.  
WELL LOCATION PLAT  
NORTH ASHLEY #10-1

LOCATED IN THE NW1/4 OF THE SE1/4  
SECTION 1, T9S, R15E, S.L.B.&M.



SCALE: 1" = 1000'

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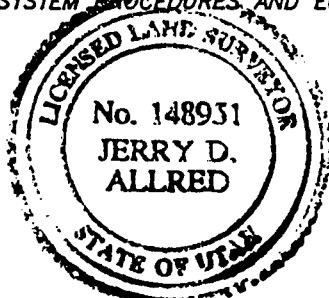
DIV. OF OIL, GAS & MINING

### LEGEND AND NOTES

- ◇ ORIGINAL CORNER MONUMENTS FOUND AND USED BY THIS SURVEY.

THE GENERAL LAND OFFICE (G.L.O.) PLAT WAS USED FOR REFERENCE AND CALCULATIONS, AS WAS THE U.S.G.S. QUADRANGLE MAP.

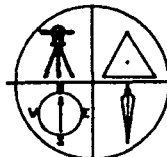
THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT.



### SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY PERFORMED BY ME, DURING WHICH THE SHOWN MONUMENTS WERE FOUND OR ESTABLISHED.

*Jerry D. Allred*  
JERRY D. ALLRED, REGISTERED LAND SURVEYOR,  
CERTIFICATE NO. 148951 (UTAH)



JERRY D. ALLRED & ASSOCIATES  
SURVEYING CONSULTANTS

121 NORTH CENTER STREET  
P.O. BOX 975  
DUCHESTER, UTAH 84021  
(801)-738-5352

9 DEC 1996

84-121-070

## EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	<u>T9S,R15E SLM</u> Section 1: All Section 3: All Section 10: All Section 11: All Section 12: All	USA UTU-74826 HBP	Newfield Production Company Newfield RMI LLC	USA
2	<u>T9S,R16E SLM</u> Section 6: All Section 7: All Section 8: W2 Section 17: NW Section 18: Lots 1-2 (W2NW), E2NW, NE	USA UTU-74390 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corporation Yates Drilling Company ABO Petroleum Corporation MYCO Industries, Inc.	USA

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ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Ashley Federal #10-1-9-15

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: \_\_\_\_\_

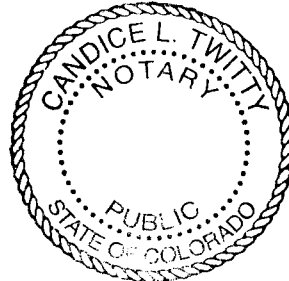
Newfield Production Company  
Eric Sundberg  
Regulatory Lead

Sworn to and subscribed before me this 5<sup>th</sup> day of April, 2011.

Notary Public in and for the State of Colorado: \_\_\_\_\_

Candice L. Twitty

My Commission Expires: My Commission Expires  
02/10/2013



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## Ashley Federal #10-1-9-15

Spud Date: 7/15/97

Put on Production: 8/16/97

GL: 5381' KB: 5391'

**SURFACE CASING**

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (287.73')

DEPTH LANDED: 297.43'

HOLE SIZE: 12-1/4"

CEMENT DATA: 155 sxs Premium cmt, est 8 bbls to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 141 jts. (5927.70')

DEPTH LANDED: 5938.02' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 325 sxs Hibond mixed &amp; 305 sxs thixotropic

CEMENT TOP AT: 600'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 168 jts (5288.9')

TUBING ANCHOR: 5288.9'KB

NO. OF JOINTS: 3 jts (5291.7')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 5383.0'KB

NO. OF JOINTS: 2 jts (5384.1')

TOTAL STRING LENGTH: EOT @ 5448'KB

**SUCKER RODS**

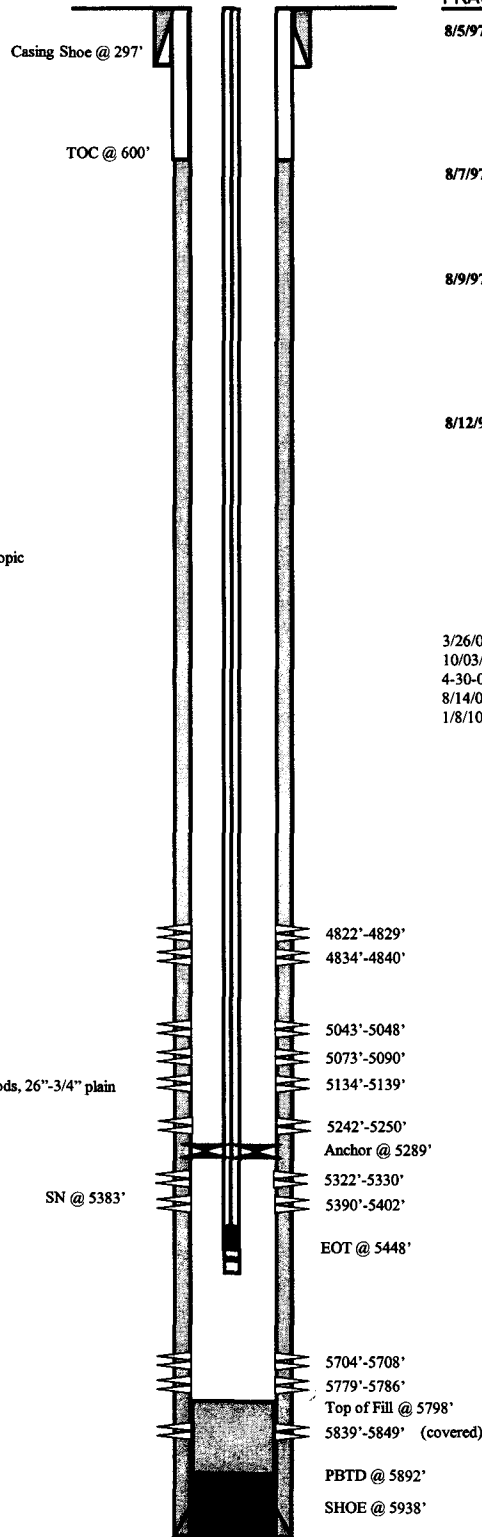
POLISHED ROD: 1-1/2" x 22' SM

SUCKER RODS: 1-2' x 3/4" pony rods, 75 - 7/8" guided rods, 26" - 3/4" plain rods, 69-3/4" guided rods, 6-1 1/2" weight bars

PUMP SIZE: 2 1/2" x 1 1/2" x 14" x 15' RTBC

STROKE LENGTH: 74"

PUMP SPEED, SPM: 4 SPM

**Wellbore Diagram**

Initial Production: 115

BOPD, 83 MCFPD, 3 BWPD

**FRAC JOB**

8/5/97 5704'-5849'

**Frac CP sand as follows:**

110,800# of 20/40 sand in 508 bbls of Boragel. Breakdown @ 3259 psi. Treated @ avg rate of 30.5 bpm w/avg press of 6450 psi. ISIP-2328 psi, 5-min 1931 psi. Flowback on 12/64" ck for 3 - 1/2 hours and died.

8/7/97 5242'-5402'

**Frac A sand as follows:**

116,900# of 20/40 sand in 461 bbls of Hybor gel. Breakdown @ 2637 psi. Treated @ avg rate of 34.8 bpm w/avg press of 4500 psi. ISIP-4114. Screen Out.

8/9/97 5043'-5139'

**Frac B sands as follows:**

122,900# of 20/40 sand in 509 bbls of # Boragel. Breakdown @ 4750 psi. Treated @ avg rate of 28.0 bpm w/avg press of 6856 psi. ISIP-2093 psi, 5-min 2033 psi. Flowback on 12/64" ck for 3 - 1/2 hours and died.

8/12/97 4822'-4840'

**Frac D sands as follows:**

104,000# of 20/40 sand in 461 bbls of # Boragel. Breakdown @ 3271 psi. Treated @ avg rate of 25.8 bpm w/avg press of 5100 psi. ISIP-2938 psi, 5-min 2676 psi. Flowback on 12/64" ck for 4 hours and died.

3/26/03  
10/03/03  
4-30-07  
8/14/09  
1/8/10

**Tubing Leak.** Update rod and tubing details.  
**Pump Change**  
**Parted Rods:** Updated rod and tubing detail.  
**Parted rods.** Updated rod & tubing  
**Parted rods.** Updated rod and tubing detail.

**PERFORATION RECORD**

8/5/97	5839'-5849'	4 JSPF	40 holes
8/5/97	5779'-5756'	4 JSPF	28 holes
8/5/97	5704'-5708'	4 JSPF	16 holes
8/7/97	5390'-5402'	4 JSPF	48 holes
8/7/97	5322'-5330'	4 JSPF	32 holes
8/7/97	5242'-5250'	4 JSPF	32 holes
8/9/97	5134'-5139'	4 JSPF	20 holes
8/9/97	5073'-5090'	4 JSPF	68 holes
8/9/97	5043'-5048'	4 JSPF	20 holes
8/12/97	4834'-4840'	4 JSPF	24 holes
8/12/97	4822'-4829'	4 JSPF	28 holes



Ashley Federal #10-1-9-15

1955' FSL 1764' FEL

NW/SE Section 1-T9S-R15E

Duchesne Co, Utah

API #43-013-31825; Lease #UTU-74826

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DIV. OF OIL, GAS &amp; MINING

ML 1/22/2010

Spud Date: 7/22/97  
Put on Production: 8/23/97  
GL: 5878' KB: 5888'

## Ashley Federal #2-1

Initial Production: 56 BOPD,  
12 MCFPD, 36 BWPD

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8 5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (299.7')  
DEPTH LANDED: 309.45' GL  
HOLE SIZE: 12 1/4"  
CEMENT DATA: 155 sxs Premium cmt, est 7 bbls to surf.

### PRODUCTION CASING

CSG SIZE: 5 1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 142 jts. (5995.47')  
DEPTH LANDED: 6005.79' KB  
HOLE SIZE: 7 7/8"  
CEMENT DATA: 360 sk Hibond mixed & 325 sxs thixotropic  
CEMENT TOP AT: 140'

### TUBING

SIZE/GRADE/WT: 2 7/8" / J-55  
NO. OF JOINTS: 180 jts (5661.76')  
TUBING ANCHOR: 5671.76'  
NO. OF JOINTS: 1 jt (32.22')  
SEATING NIPPLE: 2 7/8" (1.10')  
SN LANDED AT: 5706.78'  
NO. OF JOINTS: 2 jts (64.19')  
TOTAL STRING LENGTH: EOT @ 5772.51'

### SUCKER RODS

POLISHED ROD: 1 1/2" x 22'  
SUCKER RODS: 1-4', 1-2' x 3/4" pony rods, 92-3/4" guided rods, 106 - 3/4" guided rods, 23-3/4" guided rods, 6- 1 1/2" sucker rods.  
PUMP SIZE: 2 1/2" x 1 1/2" x 11' x 14' RHAC  
STROKE LENGTH: 64"  
PUMP SPEED, SPM: 5 SPM

### FRAC JOB

8/14/97 5894'-5901' **Frac CP sand as follows:**  
96700# of 20/40 sand in 521 bbls of Boragel. Breakdown @ 3042 psi. Treated @ avg rate of 26.6 bpm w/avg press of 2150 psi. ISIP-2510 psi, 5-min 1975 psi. Flowback on 12/64" ck for 4 hours and died.

8/16/97 5509'-5576' **Frac A sands as follows:**  
130,600# of 20/40 sand in 636 bbls of Boragel. Breakdown @ 3061 psi. Treated @ avg rate of 32.4 bpm w/avg press of 2100 psi. ISIP-2548 psi, 5-min 2442 psi. Flowback on 12/64" ck for 4 hours and died.

8/19/97 4849'-5040' **Frac DC sand as follows:**  
154,800# of 20/40 sand in 688 bbls of Boragel. Breakdown @ 2220 psi. Treated @ avg rate of 33.3 bpm w/avg press of 1770 psi. ISIP-2723 psi, 5-min 2206 psi. Flowback on 12/64" ck for 3 - 1/2 hours and died.

7/7/03 5760'-5766' **Frac CP.5 sands as follows:**  
29,550# 20/40 sand in 297 bbls Viking I-25 fluid. Treated @ avg press of 3225 psi w/avg rate of 13.6 BPM. ISIP 2270 psi. Calc flush: 1499 gal. Actual flush: 1428 gal.

7/7/03 4580'-4592' **Frac PB-10 sands as follows:**  
40,000# 20/40 sand in 407 bbls Viking I-25 fluid. Treated @ avg press of 1897 psi w/avg rate of 23.8 BPM. ISIP 2440 psi. Calc flush: 4578 gal. Actual flush: 4494 gal.

7/8/03 4337'-4366' **Frac B2 and D1,3 sands as follows:**  
28,322# 20/40 sand in 272 bbls Viking I-25 fluid. Treated @ avg press of 1923 psi w/avg rate of 23 BPM. ISIP 2120 psi. Calc flush: 4335 gal. Actual flush: 4242 gal.

12/24/03 Pump Change. Update rod and tubing detail.

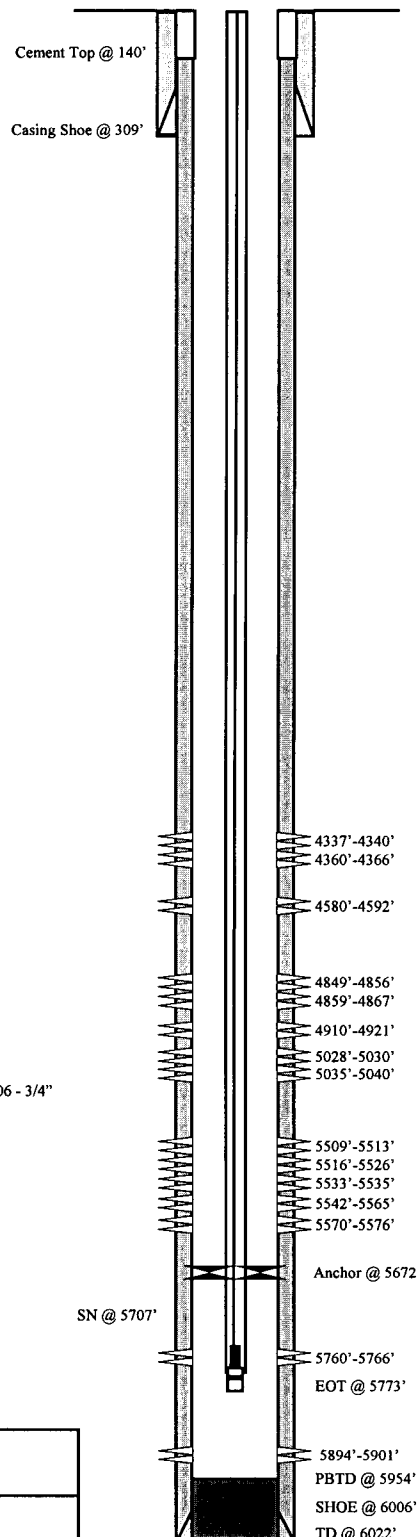
12-5-07 Pump Change. Updated rod & tubing details.

05-16-08 Major workover. Acidize fracs, updated rod and tubing details.

9/9/09 Pump Change. Updated rod & tubing details.

### PERFORATION RECORD

8/14/97	5894'-5901'	4 JSPF	28 holes
8/16/97	5570'-5576'	4 JSPF	24 holes
8/16/97	5542'-5565'	4 JSPF	92 holes
8/16/97	5533'-5535'	4 JSPF	8 holes
8/16/97	5516'-5526'	4 JSPF	40 holes
8/16/97	5509'-5513'	4 JSPF	16 holes
8/19/97	5035'-5040'	4 JSPF	20 holes
8/19/97	5028'-5030'	4 JSPF	8 holes
8/19/97	4910'-4921'	4 JSPF	44 holes
8/19/97	4859'-4867'	4 JSPF	32 holes
8/19/97	4849'-4856'	4 JSPF	28 holes
7/2/03	5760'-5766'	4 JSPF	24 holes
7/2/03	4580'-4592'	4 JSPF	48 holes
7/8/03	4360'-4366'	4 JSPF	24 holes
7/8/03	4337'-4340'	4 JSPF	12 holes



**NEWFIELD**

**Ashley Federal #2-1**

1980 FEL & 661 FNL

NW/NE Section 1-T9S-R15E

Duchesne Co, Utah

API #43-013-31883; Lease #UTU-74826

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DIV. OF OIL, GAS & MINING

DF 10/26/09

## Ashley Federal I-1-9-15

Spud Date: 6/6/2009  
 Put on Production: 7/17/2009  
 GL: 5881' KB: 5893'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 8 jts. (313.85')  
 DEPTH LANDED: 325.7'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 164 jts. (6352')  
 HOLE SIZE: 7-7/8"  
 TOTAL DEPTH: 6351.75'  
 CEMENT DATA: 250 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 54'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 192 jts (6027.7')  
 TUBING ANCHOR: 6039.7'  
 NO. OF JOINTS: 1 jts (31.5')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 6074' KB  
 NO. OF JOINTS: 1 jts (31.5'), 3 jts (93.4')  
 TOTAL STRING LENGTH: EOT @ 6207'

SUCKER RODS

POLISHED ROD: 1 1/2" x 30'  
 SUCKER RODS: 238 - 7/8" 8per guided rods, 4-1 1/2" weight bars  
 PUMP SIZE: 2 1/2 x 1 3/4 x 20' RHAC  
 STROKE LENGTH:  
 PUMP SPEED: SPM

Cement Top @ 54'

SN @ 6074'

Anchor @ 6039.7'

EOT @ 6207'

6241-6248'

PSTD @ 6337'

TD @ 6355'

FRAC JOB

7-17-09	6241-6248'	<b>Frac CP5 sands as follows:</b> Frac with 29730# 20/40 sand in 178 bbls Lightning 17 fluid.
7-17-09	5876-6016'	<b>Frac CP.5, CP2, &amp; CP3 sands as follows:</b> Frac with 20694# 20/40 sand in 125 bbls Lightning 17 fluid.
7-17-09	5442-5540'	<b>Frac A3 &amp; LODC sands as follows:</b> Frac with 40705# 20/40 sand in 203 bbls Lightning 17 fluid.
7-17-09	5232-5304'	<b>Frac B1 &amp; B2 sands as follows:</b> Frac with 96407# 20/40 sand in 403 bbls Lightning 17 fluid.
7-17-09	4966-5078'	<b>Frac D1 &amp; D3 sands as follows:</b> Frac with 45629# 20/40 sand in 226 bbls Lightning 17 fluid.
7-17-09	4391-4410'	<b>Frac GB4 sands as follows:</b> Frac with 93569# 20/40 sand in 401 bbls Lightning 17 fluid.

PERFORATION RECORD

6241-6248'	3 JSPF	21 holes
6012-6016'	3 JSPF	12 holes
5947-5950'	3 JSPF	9 holes
5884-5886'	3 JSPF	6 holes
5876-5878'	3 JSPF	6 holes
5534-5540'	3 JSPF	18 holes
5442-5445'	3 JSPF	9 holes
5298-5304'	3 JSPF	18 holes
5238-5242'	3 JSPF	12 holes
5232-5235'	3 JSPF	9 holes
5072-5078'	3 JSPF	18 holes
4992-4994'	3 JSPF	6 holes
4966-4968'	3 JSPF	6 holes
4404-4410'	3 JSPF	18 holes
4391-4397'	3 JSPF	18 holes

**NEWFIELD**

Ashley Federal I-1-9-15  
 1965' FNL & 643' FEL  
 SENE Section 1-T9S-R15E  
 Duchesne Co, Utah  
 API # 43-013-~~7~~33901; Lease #UTU-74826

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DIV. OF OIL, GAS &amp; MINING

## Ashley Federal #6-1-9-15

Spud Date: 10/10/97

Put on Production: 12/3/97  
GL: 5918' KB: 5931'Initial Production: 106 BOPD,  
119 MCFPD, 18 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 299.79'  
 DEPTH LANDED: 297.59'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, est 6 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 140 jts. (5928.95')  
 DEPTH LANDED: 5925.05'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 440 sxs Hibond mixed & 395 sxs thixotropic  
 CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / J-55 / 6.5#  
 NO. OF JOINTS: 182 jts (5711.4') J-55  
 TUBING ANCHOR: 5724.4'  
 NO. OF JOINTS: 1 jts (31.5')  
 SN LANDED AT: 5758.7'  
 NO. OF JOINTS: 1 jts (31.7')  
 TOTAL STRING LENGTH: EOT 5792'

SUCKER RODS

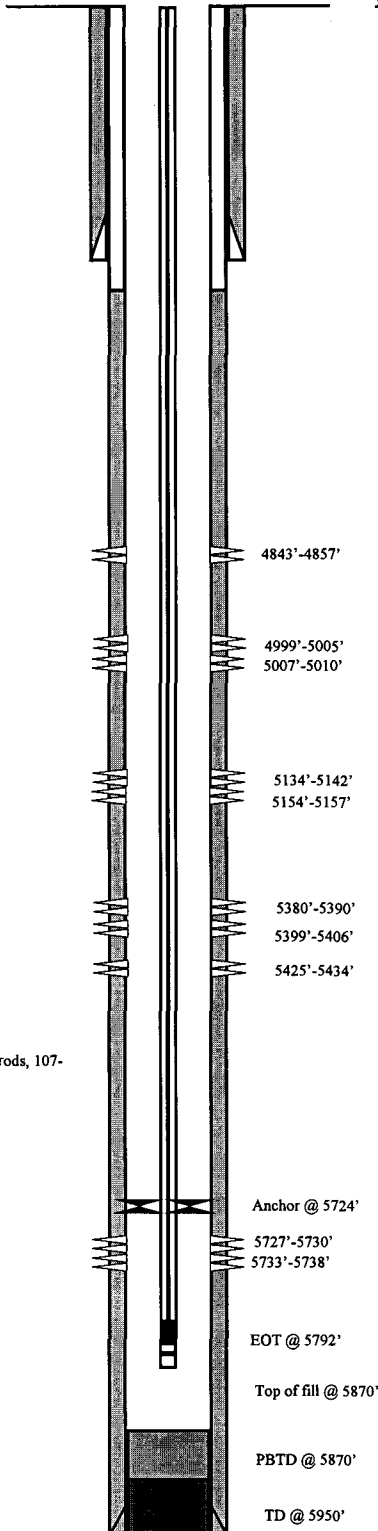
POLISHED ROD: 1-1/2" x 26'  
 SUCKER RODS: 1-2, 4, & 8' x 7/8" pony rods, 100-7/8" 4 per guided rods, 107-3/4" guided rods, 15-3/4" guided rods 6-1 1/2" sinker bars.  
 PUMP SIZE: 2 1/2" x 1 3/4" x 17' x 20' RHAC Central Hyd. PUMP  
 STROKE LENGTH: 96"  
 PUMP SPEED, SPM: 5 SPM

FRAC JOB

11/18/97	5727'-5738'	<b>Frac CP sand as follows:</b> 114,300# of 20/40 sand in 559 bbls of Delta Frac. Treated @ avg press of 1750 psi w/avg rate of 28 bpm. ISIP 1897 psi. Calc flush: 5725 gal. Actual flush: 5647 gal.
11/21/97	5380'-5434'	<b>Frac A sand as follows:</b> 121,300# of 20/40 sand in 573 bbls of Delta Frac. Treated @ avg press of 2380 psi w/avg rate of 30.1 bpm. ISIP-3145 psi. Calc flush: 5378 gal. Actual flush: 5283 gal.
11/23/97	5134'-5157'	<b>Frac B sand as follows:</b> 121,300# of 20/40 sand in 562 bbls of Delta Frac. Treated @ avg press of 1900 psi w/avg rate of 26.2 bpm. ISIP-2200 psi. Calc flush: 5132 gal. Actual flush: 5041 gal.
11/26/97	4999'-5010'	<b>Frac C sand as follows:</b> 108,300# of 20/40 sand in 524 bbls of Delta Frac. Treated @ avg press of 2900 psi w/avg rate of 27 bpm. ISIP-3380 psi. Calc flush: 4997 gal. Actual flush: 4919 gal.
11/29/97	4843'-4857'	<b>Frac D sand as follows:</b> 111,300# of 20/40 sand in 539 bbls Delta Frac. Treated @ avg press of 2150 psi w/avg rate of 26.4 BPM. ISIP-2607 psi. Calc flush: 4841 gal. Actual flush: 4752 gal.
02/28/03		Pump change. Update tubing and rod detail.
04/08/05		Pump change. Update rod detail
08/19/05		Tubing Leak. Update tubing and rod details.
06/14/07		Workover. Rod & Tubing details updated.
05/30/08		Workover. Rod & Tubing details updated.
3/6/09		Parted rods. Updated r & t details.
12-24-10		Parted rods. Updated Rod & Tubing details.
8/14/2010		Tubing Leak. Update rod and tubing details
12/24/2010		Parted rods. Rod & tubing details updated.

PERFORATION RECORD

11/18/97	5733'-5738'	4 JSPF	20 holes
11/18/97	5727'-5730'	4 JSPF	12 holes
11/19/97	5425'-5434'	4 JSPF	36 holes
11/19/97	5399'-5406'	4 JSPF	28 holes
11/19/97	5380'-5390'	4 JSPF	40 holes
11/21/97	5154'-5157'	4 JSPF	12 holes
11/21/97	5134'-5142'	4 JSPF	32 holes
11/25/97	5007'-5010'	4 JSPF	12 holes
11/25/97	4999'-5005'	4 JSPF	24 holes
11/26/97	4843'-4857'	4 JSPF	56 holes

**NEWFIELD****Ashley Federal #6-1-9-15**

1982 FNL 1980 FWL

SENW Section 1-T9S-R15E

Duchesne Co, Utah

API #43-013-31927; Lease #U-74826

**RECEIVED**  
**APR 11 2011**

DIV. OF OIL, GAS &amp; MINING

1/26/2011



Spud Date: 7/7/97  
 Put on Production: 8/11/97  
 Put on Injection: 12/24/99  
 GL: 5896' KB: 5906'

## Ashley Federal 7-1-9-15

Initial Production: 133 BOPD,  
 190 MCFPD, 33 BWPD

SURFACE CASING

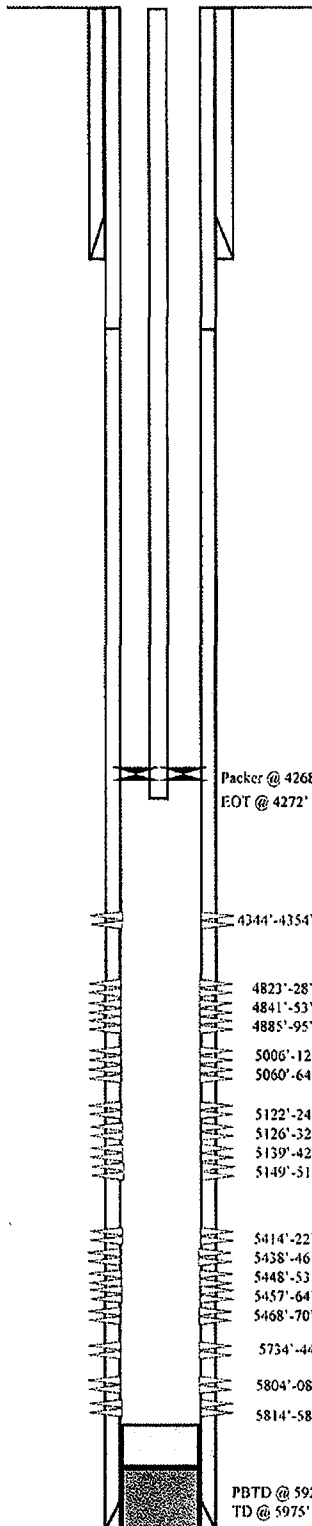
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT 24#  
 LENGTH 7 jts (292 11')  
 DEPTH LANDED: 291 01' (GL)  
 HOLE SIZE 12-1/4"  
 CEMENT DATA 150 sxs Premium cement

PRODUCTION CASING

CSG SIZE 5-1/2"  
 GRADE J-55  
 WEIGHT 15.5#  
 LENGTH 141 jts (5967 32')  
 DEPTH LANDED 5967.32'  
 HOLE SIZE 7-7/8"  
 CEMENT DATA 340 sk HiBond mixed & 300 sxs thixotropic  
 CEMENT TOP AT 1118' per CBL

TUBING

SIZE/GRADE/WT: 2-7/8"/J-55/6.5#  
 NO OF JOINTS 135 jts (4253 37')  
 SEATING NIPPLE 2-7/8" (1 10')  
 SN LANDED AT 4263 37'  
 CE @ 4267 72'  
 TOTAL STRING LENGTH EOT @ 4271 87'

Injection Wellbore  
DiagramFRAC JOB

7/30/97 5734'-5808' Frac CP-0.5 & CP-2 sands as follows: 180,700# of 20/40 sand in 478 bbls of Boragel Perfs broke down @ 3242 psi Treated @ avg press of 4800 psi w/avg rate of 28 bpm ISIP-2268, 5-min 2050 psi Flowback on 12/64" ck for 3-1/2 hours and died

8/1/97 5414'-5470' Frac L.O.D.C sands as follows: 112,900# of 20/40 sand in 473 bbls of Boragel Perfs broke down @ 4336 psi Treated @ avg press of 6850 psi w/avg rate of 27.3 bpm 441 gal into flush, it appeared the pkr failed

8/4/97 5006'-5151' Frac C, B-1 & B-2 sands as follows: 128,600# of 20/40 sand in 554 bbls of Boragel Breakdown @ 4800 psi Treated w/avg rate 31.5 bpm w/avg press of 660 psi ISIP 2195 psi, 5-min 1993 psi Shut flowback on 12/64" ck @ 1 bpm until dead

8/6/97 4823'-4895' Frac D-1 & D-2 sands as follows: 95,500# of 20/40 sand in 422 bbls of Boragel Broke down @ 2740 psi Treated @ avg rate 26 bpm w/avg press of 5800 psi ISIP-2897 psi, 5-min 2856 psi Flowback @ 1 bpm until dead

12/20/99 Convert to Injection well

11/16/04 5 yr MIT

05/30/07 4344'-4354' Acidize GB6 sds as follows: Broke @ 2700 psi Before acid 1500 psi @ 3/4 BPM During acid 1350 psi @ 3/4 BPM After acid 1800 psi @ 1/2 BPM ISIP @ 1500 psi, 5 min @ 1350 psi

05/30/07 5060'-5064' Acidize B.S sds as follows: Broke @ 1850 psi, Before acid, 1950 psi @ 1 BPM During acid 1950 psi @ 1 BPM After acid, 2000 psi @ 1 BPM ISIP @ 1900 psi, 5 min @ 1750 psi

05/30/07 5006'-5012' Acidize C sds as follows: Broke @ 2400 psi, Before acid 2400 psi @ 1 BPM During acid 2050 psi @ 1 BPM After acid: 2100 psi @ 1 BPM ISIP @ 1850 psi, 5 min @ 1750 psi

06/01/07 5804'-5821' Frac CP2 sds as follows: 22952# of 20/40 sand in 240 bbls Lighting 17 fluid

06/04/07 Recompletion Finalized ~ MIT completed

PERFORATION RECORD

7/28/97	5804'-5808'	4 JSPF	16 holes
7/28/97	5734'-5744'	4 JSPF	40 holes
7/31/97	5414'-5422'	4 JSPF	32 holes
7/31/97	5438'-5446'	4 JSPF	32 holes
7/31/97	5448'-5453'	4 JSPF	20 holes
7/31/97	5457'-5464'	4 JSPF	28 holes
7/31/97	5468'-5470'	4 JSPF	8 holes
8/2/97	5006'-5012'	4 JSPF	24 holes
8/2/97	5060'-5064'	4 JSPF	16 holes
8/2/97	5122'-5124'	4 JSPF	8 holes
8/2/97	5126'-5132'	4 JSPF	24 holes
8/2/97	5139'-5142'	4 JSPF	12 holes
8/2/97	5149'-5151'	4 JSPF	8 holes
8/5/97	4823'-4828'	4 JSPF	20 holes
8/5/97	4841'-4853'	4 JSPF	48 holes
8/5/97	4885'-4895'	4 JSPF	40 holes
05/30/07	4344'-4354'	4 JSPF	40 holes
05/30/07	5814'-5821'	4 JSPF	28 holes



Ashley Federal 7-1-9-15  
 1787 FNL 2092 FEL  
 SWNE Section 1-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-31824; Lease #U-74826

## Ashley Federal #8-1-9-15

Spud Date: 6/01/97  
Put on Production: 7/16/97  
GL: 5888' KB: 5900'

Initial Production: 163 BOPD,  
246 MCFPD, 8 BWPD

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (295.54')  
DEPTH LANDED: 293.34' GL  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 120 sxs Premium cmt, est 5 bbls to surf.

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 146 jts. (6227.54')  
DEPTH LANDED: 6223' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 380 sxs Hibond mixed & 370 sxs thixotropic  
CEMENT TOP AT:

#### TUBING

SIZE/GRADE/WT.: 2 7/8" / M -50 / 6.5#  
NO. OF JOINTS: 184 jts (5734.7')  
TUBING ANCHOR: 5746.7' KB  
NO. OF JOINTS: 2 jts (62.7')  
SEATING NIPPLE: 2 7/8" (1.10")  
SN LANDED AT: 5812.2' KB  
NO. OF JOINTS: 2 jts (63.2')  
TOTAL STRING LENGTH: EOT @ 5877' KB

#### SUCKER RODS

POLISHED ROD: 1 1/2" x 22' SM  
SUCKER RODS: 139- 3/4" guided rods, 44- 3/4" sucker rods, 43- 3/4" guided rods,  
6- 1 1/2" weight bars  
PUMP SIZE: 2 1/2" x 1 1/2" x 12" x 16' RHAC  
STROKE LENGTH: 56"  
PUMP SPEED, SPM: 5

#### FRAC JOB

7-3-97 5733'-5813'

#### Frac CP sand as follows:

109,700# of 20/40 sand in 548 bbls of Boragel.  
Treated @ avg rate of 28.3 bpm w/avg press of 1650 psi. ISIP-2230 psi. Calc. flush: 5733 gal. Actual flush: 5648 gal.

7-8-97 5458'-5475'

#### Frac A sand as follows:

122,700# of 20/40 sand in 598 bbls of Boragel.  
Treated @ avg rate of 32.4 bpm w/avg press of 2360 psi. ISIP-2870 psi. Calc. flush: 5458 gal. Actual flush: 5365 gal.

4373'-4381'

7-10-97 5083'-5291'

#### Frac B & A sands as follows:

129,300# of 20/40 sand in 666 bbls of Boragel.  
Treated @ avg rate of 35 bpm w/avg press of 2100 psi. ISIP-2124 psi. Calc. flush: 5083 gal. Actual flush: 5005 gal.

7-12-97 4862'-4925'

#### Frac D sand as follows:

110,500# of 20/40 sand in 556 bbls of Boragel.  
Treated @ avg rate of 34 BPM w/avg press of 2800 psi. ISIP-3581 psi. Calc. flush: 4862 gal. Actual flush: 4780 gal.

4862'-4873'

2/13/02

Tubing leak. Update rod and tubing details.

4913'-4925'

4/25/03 5112'-5128'

#### Frac B1 sands as follows:

49,928# of 20/40 sand in 406 bbls Viking I-25 fluid. Treated @ avg press of 3980 psi with avg rate of 17.4 bpm. ISIP: 2150psi. Calc flush: 1,288 gal. Actual flush: 1176 gal.

5083'-5085'

4/25/03 4373'-4381'

#### Frac GB6 sands as follows:

19,789# 20/40 sand in 230 bbls Viking I-25 fluid. Treated @ avg press of 2455 psi with avg rate of 28.3 bpm. ISIP: 2520 psi. Calc flush: 4371 gal. Actual flush: 4284 gal.

5112'-5128'

5154'-5159'

7/9/03

Pump Change. Update rod detail.

5173'-5178'

11/17/08

Pump Change. Updated rod & tubing details.

5181'-5183'

7/28/2010

Parted rods. Updated rod and tubing detail.

5287'-5291'

10/1/2010

Tubing leak. Updated rod and tubing detail.

5458'-5464'

5467'-5475'

5733'-5744'

Anchor @ 5747'

5800'-5802'

5808'-5813'

SN @ 5812'

EOT @ 5877'

Top of fill @ 6125'

PBTD @ 6179'

SHOE & TD @ 6223'

#### PERFORATION RECORD

7/02/97	5733'-5744'	4 JSPF	44 holes
7/02/97	5800'-5802'	4 JSPF	8 holes
7/02/97	5808'-5813'	4 JSPF	20 holes
7/04/97	5458'-5464'	4 JSPF	24 holes
7/04/97	5467'-5475'	4 JSPF	32 holes
7/09/97	5287'-5291'	4 JSPF	16 holes
7/09/97	5181'-5183'	4 JSPF	8 holes
7/09/97	5173'-5178'	4 JSPF	20 holes
7/09/97	5154'-5159'	4 JSPF	20 holes
7/09/97	5083'-5085'	4 JSPF	8 holes
7/11/97	4913'-4925'	4 JSPF	48 holes
7/11/97	4862'-4873'	4 JSPF	44 holes
4/23/03	4373'-4381'	4 JSPF	8 holes
4/23/03	5112'-5128'	4 JSPF	16 holes



N. Ashley Federal #8-1-9-15  
1980 FNL & 660 FEL  
SE/NE Section 1-T9S-R15E  
Duchesne Co, Utah  
API #43-013-31809; Lease #U-74826

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ML 10/7/2010

## Ashley Federal #9-1

Spud Date: 5/22/97

Pu

1 on Production: 7/14/97

GL: 5918' KB: 5930'

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (304.11')

DEPTH LANDED: 303.17' GL

HOLE SIZE: 12-1/4"

CEMENT DATA: 120 sxs Premium cmt. est. 4 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 141 jts (5955.69')

DEPTH LANDED: 5945' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 355 sxs Hibond mixed &amp; 320 sxs thixotropic

CEMENT TOP AT: 460' per CBL

TUBING

SIZE GRADE WT: 2-7/8" M-50 6.5#

NO. OF JOINTS: 172 jts

PACKER: 4740'

SEATING NIPPLE: 2-7/8" (1.10')

TOTAL STRING LENGTH: 1 (EOT @ 4740')

SN LANDED AT: 4737'

SUCKER RODS

POLISHED ROD:

SUCKER RODS:

PUMP SIZE:

STROKE LENGTH:

PUMP SPEED: SPM

LOGS: Dual Laterlog, GR. SP, Spectral Density-Dual Spaced Neutron CBL-GR

Injection Well  
Wellbore Diagram

Cement Top 460'

Packer @ 4740'

4834'-41'

5110'-14'

5143'-52'

5154'-57'

5163'-66'

5415'-20'

5494'-5503'

5510'-14'

5520'-25'

5527'-31'

PBTD @ 5914'

TD @ 5945'

Initial Production: 132 BOPD,  
190 MCFPD, 2 BWPDFRAC JOB

7/02/97 5494'-5531'

Frac A/LDC sand as follows:

134,600# of 20/40 sand in 610 bbls of

Boragel Breakdown @ 2792psi

Treated @ avg rate of 32 bpm w avg

press of 2100 psi ISIP-2361 psi, 5-min

2253 psi Flowback on 12.64" ck for 5

1 1/2 hours and died

7/04/97 5110'-5166'

Frac B sand as follows:

108,900# of 20/40 sand in 534 bbls of

Boragel Breakdown @ 2150 psi

Treated @ avg rate of 28 bpm w avg

press of 1900 psi ISIP-2268 psi, 5-min

2169 psi Flowback on 12.64" ck for 4

1 1/2 hours and died

7/09/97 4834'-4841'

Frac D sand as follows:

94,000# of 20/40 sand in 487 bbls of

Boragel Breakdown @ 3307 psi

Treated @ avg rate of 24 bpm w avg

press of 2350 psi ISIP-2635 psi, 5-min

2551 psi Flowback on 12.64" ck for 4

1 1/2 hours and died

PERFORATION RECORD

7/02/97	5527'-5531'	4 JSPP	16 holes
7/02/97	5520'-5525'	4 JSPP	20 holes
7/02/97	5510'-5514'	4 JSPP	16 holes
7/02/97	5494'-5503'	4 JSPP	36 holes
7/02/97	5415'-5420'	4 JSPP	20 holes
7/04/97	5163'-5166'	4 JSPP	12 holes
7/04/97	5154'-5157'	4 JSPP	12 holes
7/04/97	5143'-5152'	4 JSPP	36 holes
7/04/97	5110'-5114'	4 JSPP	16 holes
7/09/97	4834'-4841'	4 JSPP	28 holes



Ashley Federal #9-1

1981 FSL 555 FEL

NESE Section 1-T9S-R15E

Duchesne Co, Utah

API #43-013-31859; Lease #U-74826

Spud Date: 9/16/98  
Put on Production: 10/12/98  
GL: 5940' KB: 5950'

## Ashley Federal #11-1-9-15

Initial Production: 99 BOPD,  
246 MCFPD, 4 BWPD

SURFACE CASING

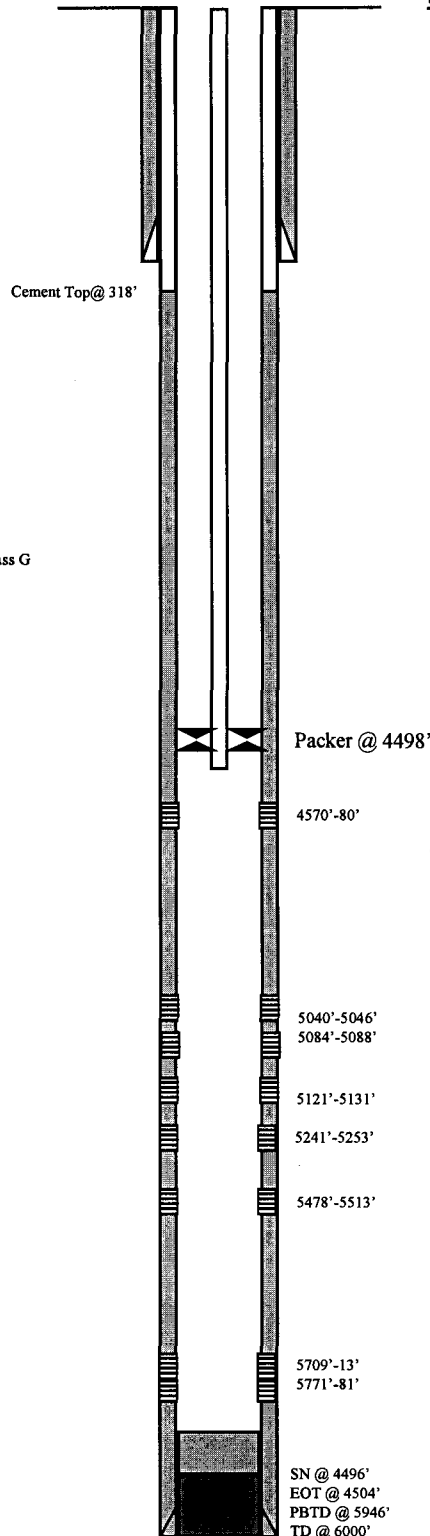
CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 293'  
DEPTH LANDED: 302'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 140 sxs Premium cmt, est 2 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 139 jts. (5956')  
DEPTH LANDED: 5965'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 270 sxs Premium Lite mixed & 320 sxs Class G  
CEMENT TOP AT: 318'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 145 jts (4485.53')  
PACKER: 4499.88'  
SEATING NIPPLE: 4495.53'  
TOTAL STRING LENGTH: EOT @ 4503.93'

Injection Wellbore  
DiagramFRAC JOB

9/30/98 5709'-5781' Frac CP-0.5 & CP-1 sands as follows:  
95,644# 20/40 sand in 530 bbls Viking I-25 fluid. Perfs broke down @ 4000 psi. Treated @ avg press of 1710 psi. w/avg rate of 29 BPM. ISIP-2400 psi, 5-min 2111 psi. Flowback on 12/64" choke for 4-1/2 hours and died.

10/2/98 5478'-5513' Frac LODC sand as follows:  
105,753# 20/40 sand in 564 bbls Viking I-25 fluid. Perfs broke down @ 3537 psi. Treated @ avg press of 1775 psi. w/avg rate of 29.9 BPM. ISIP-2150 psi, 5-min 2069 psi. Flowback on 12/64" choke for 4-1/2 hours and died.

10/5/98 5241'-5253' Frac A-1 sand as follows:  
102,644# 20/40 sand in 532 bbls Viking I-25 fluid. Perfs broke down @ 3688 psi. Treated @ avg press of 2500 psi. w/avg rate of 28.6 BPM. ISIP-3200 psi, 5-min 2894 psi. Flowback on 12/64" choke for 3 hours and died.

10/7/98 5040'-5131' Frac B-0.5, B-1 & B-2 sands as follows:  
108,458# 20/40 sand in 545 bbls Viking I-25 fluid. Perfs broke down @ 3088 psi. Treated @ avg press of 2600 psi. w/avg rate of 30.5 BPM. ISIP-2800 psi, 5-min 2855 psi. Flowback on 12/64" choke for 2-1/2 hours and died.

4/25/00 4570'-4580' Treat PB sands as follows:  
Break down formation @ 1100 psi @ 1.5 bpm. Total of 90 bbls injected.

05/24/07 5084'-5088' Workover with re-perfs. Update rod & tubing detail.

06/04/07 Frac B-0.5, B-1 & B-2 sands as follows:  
27450# 20/40 sand in 270 bbls Lighting 17 fluid. Perfs broke down @ 3117 psi. Treated @ avg press of 4114 psi. w/avg rate of 14.3 BPM. ISIP-2465 psi. Cal. Flush: 1130, Actual flush: 1218  
MIT

PERFORATION RECORD

9/29/98	5709'-5713'	4 JSPF	16 holes
9/29/98	5771'-5781'	4 JSPF	40 holes
10/1/98	5478'-5513'	4 JSPF	70 holes
10/3/98	5241'-5253'	4 JSPF	48 holes
10/6/98	5040'-5046'	4 JSPF	24 holes
10/6/98	5084'-5088'	4 JSPF	16 holes
05/24/07	5084'-5088'	4 JSPF	20 holes
05/24/07	5040'-5046'	4 JSPF	24 holes
10/6/98	5121'-5153'	4 JSPF	48 holes
4/25/00	4570'-4580'	4 JSPF	40 holes



Ashley Federal #11-1-9-15  
1981 FSL 1978 FWL  
NSW Section 1-T9S-R15E  
Duchesne Co, Utah  
API #43-013-31926; Lease #U-74826

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DIV. OF OIL, GAS &amp; MINING

TW 06/27/07

## Ashley Federal #16-1-9-15

Spud Date: 8/24/98

Put on Production: 9/26/98

GL: 5954' KB: 5964'

Initial Production: 66 BOPD;  
106 MCFD; 5 BWPD

## Wellbore Diagram

## SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (315.27')

DEPTH LANDED: 325.02'

HOLE SIZE: 12-1/4"

CEMENT DATA: 140 sxs Class "G" cmt, est 8 bbls to surf.

## PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 138 jts. (5931')

SET AT: 5941'

HOLE SIZE: 7-7/8"

CEMENT DATA: 270 sxs Premium Lite &amp; 305 sxs class "G"

CEMENT TOP AT: 405'

## TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50

NO. OF JOINTS: 178 jts (5502.12')

TUBING ANCHOR: 5512.12'

NO. OF JOINTS: 1 jt. (30.37')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 5545.29'

NO. OF JOINTS: 2 jts (61.86')

TOTAL STRING LENGTH: EOT @ 5608.70'

## SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM

SUCKER RODS: 4', 6', 8' x 3/4" pont rods, 95-3/4" guided rods, 66-3/4" slick rods, 57-3/4" guided rods, 4-1 1/2" weight bars.

PUMP SIZE: 2 1/2" x 1 1/2" x 12 x 16" RHAC

STROKE LENGTH: 74"

PUMP SPEED, SPM: 5 SPM

## FRAC JOB

9/17/98 5272'-5538'

**Frac A-3 & LODC sands as follows:**  
165,220# 20/40 sand in 750 bbls Viking I-25 fluid. Treated @ avg press of 2200 psi w/avg rate of 43.6 BPM. ISIP: 2800 psi, 5-min 2566 psi. Flowback on 12/64 choke for 4 hours and died.

9/19/98 5104'-5113'

**Frac B-2 sand as follows:**  
109,511# 20/40 sand in 523 bbls Viking I-25 fluid. Treated @ avg press of 2000 psi w/avg rate of 26.6 BPM. Screened out w/9# sand on formation w/1251 gal left to flush. Est 100,881# sand in formation, 8,612# sand left in casing. ISIP-3200 psi, 5-min 1525 psi. Flowback on 12/64 choke for 2-1/2 hours and died.

9/22/98 4906'-5042'

**Frac D-2 & B-0.5 sand as follows:**  
128,020# 20/40 sand in 592 bbls Viking I-25 fluid. Perfs broke back @ 3178 psi @ 18 BPM. Treated @ avg press of 2200 psi w/avg rate of 29.5 BPM. ISIP: 2800 psi, 5-min 1995 psi. Flowback on 12/64 choke for 4 hours and died.

9/25/01

Pump change. Update rod and tubing details.

5/05/05

Tubing leak. Update tubing detail

4/19/06

Pump Change. Update rod &amp; tubing details.

9-18-08

Tubing Leak. Updated rod &amp; tubing details.

4906'-10'

4972'-74'

4977'-84'

4987'-89'

5040'-42'

5104'-06'

5108'-13'

5272'-74'

5277'-80'

5324'-28'

5351'-57'

5408'-10'

5416'-21'

5454'-58'

5470'-74'

5484'-86'

5492'-94'

5508'-13'

Anchor @ 5512'

5533'-38'

EOT @ 5609'

TOP OF FILL @ 5811'

PBTD @ 5883'

SHOE @ 5941'

TD @ 5948'

## PERFORATION RECORD

9/16/98	5272'-5274'	2 JSFP	4 holes
9/16/98	5277'-5280'	2 JSFP	6 holes
9/16/98	5324'-5328'	2 JSFP	8 holes
9/16/98	5351'-5357'	2 JSFP	12 holes
9/16/98	5408'-5410'	2 JSFP	4 holes
9/16/98	5416'-5421'	2 JSFP	10 holes
9/16/98	5454'-5458'	2 JSFP	8 holes
9/16/98	5470'-5474'	2 JSFP	8 holes
9/16/98	5484'-5486'	2 JSFP	4 holes
9/16/98	5492'-5494'	2 JSFP	4 holes
9/16/98	5508'-5513'	2 JSFP	10 holes
9/16/98	5533'-5538'	2 JSFP	10 holes
9/18/98	5104'-5106'	4 JSFP	8 holes
9/18/98	5108'-5113'	4 JSFP	20 holes
9/21/98	4906'-4910'	4 JSFP	16 holes
9/21/98	4972'-4974'	4 JSFP	8 holes
9/21/98	4977'-4984'	4 JSFP	28 holes
9/21/98	4987'-4989'	4 JSFP	8 holes
9/21/98	5040'-5042'	4 JSFP	8 holes

SN @ 5545'

NEWFIELD

Ashley Unit #16-1-9-15

695 FEL &amp; 776 FSL

SESE Section 1-T9S-R15E

Duchesne Co, Utah

API #43-013-32004; Lease #U-74826

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DIV. OF OIL, GAS &amp; MINING

## Ashley Federal W-1-9-15

Spud Date: 6/4/2009  
Put on Production: 7/14/2009  
GL: 5978' KB: 5990'

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 8 jts (310')  
DEPTH LANDED: 322' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sx class 'G' cmt

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 162 jts (6306')  
DEPTH LANDED: 6319'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 275 sxs Prem. Lite and 400 sxs 50/50 poz  
CEMENT TOP AT: 64'

#### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 180 jts (5862')  
TUBING ANCHOR: 5874' KB  
NO. OF JOINTS: 2 jts (65.1')  
SEATING NIPPLE: 2-7/8" (1.1')  
SN LANDED AT: 5942' KB  
NO. OF JOINTS: 2 jts (65.2')  
TOTAL STRING LENGTH: EOT @ 6008'

#### SUCKER RODS

POLISHED ROD: 1 1/2" X 30' polished rod  
SUCKER RODS: 4 - 1 1/2" weight rods, 233 - 7/8" guided rods  
PUMP SIZE: 2 1/2" x 1 3/4" x 24' RHAC  
STROKE LENGTH: 144  
PUMP SPEED, SPM: 4

#### FRAC JOB

7/15/2009 5924-5930' Frac CP2 sands as follows:  
15,074# 20/40 sand in 122 bbls of  
Lightning 17 fluid..

7/15/2009 5498-5632' Frac LODC sands as follows:  
141,657# 20/40 sand in 859 bbls of  
Lightning 17 fluid.

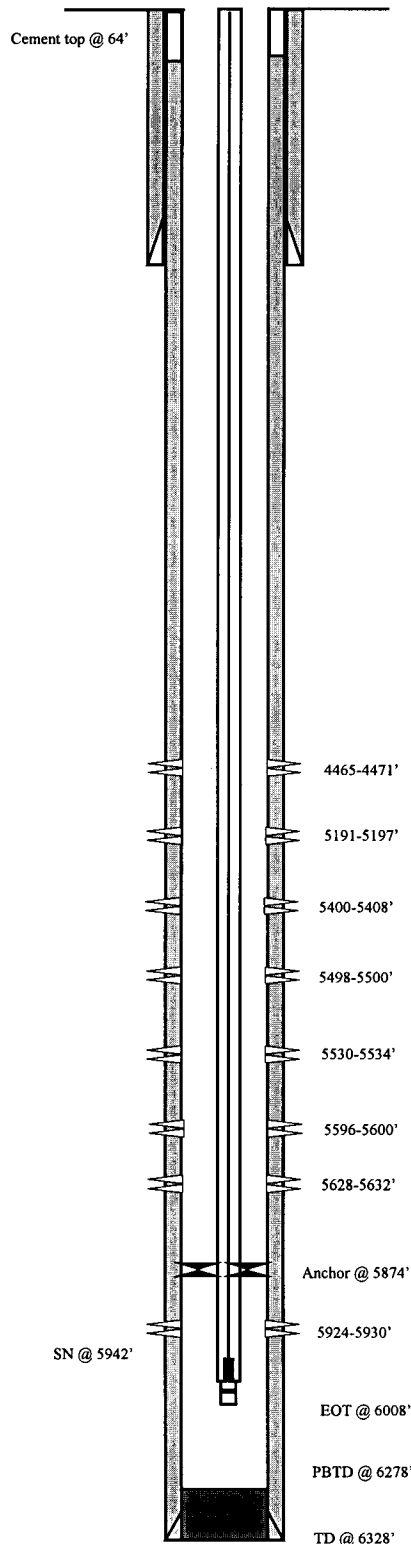
7/15/2009 5400-5408' Frac A1 sands as follows:  
29,781# 20/40 sand in 249 bbls of  
Lightning 17 fluid.

7/15/2009 5191-5197' Frac B1 sands as follows:  
15,475 # 20/40 sand in 126 bbls of  
Lightning 17 fluid.

7/15/2009 4465-4471' Frac GB6 sands as follows:  
18,974# 20/40 sand in 180 bbls of  
Lightning 17 fluid.

#### PERFORATION RECORD

5924-5930'	3 JSPF	18 holes
5628-5632'	3 JSPF	12 holes
5596-5600'	3 JSPF	12 holes
5530-5534'	3 JSPF	12 holes
5498-5500'	3 JSPF	6 holes
5400-5408'	3 JSPF	24 holes
5191-5197'	3 JSPF	18 holes
4465-4471'	3 JSPF	18 holes



**Ashley Federal W-1-9-15**  
SL: 809' FSL & 1801' FWL SE/SW  
Section 1-T9S-R15E  
Duchesne Co, Utah  
API # 43-013-33985; Lease # UTU-74826

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## West Point #12-6-9-16

Spud Date: 10/26/2000  
Put on Production: 2/10/2001  
GI: 5895' KB: 5905'

Initial Production: 103.4 BOPD,  
43.7 MCFD, 69.1 BWPD

## Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (301' 9")  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 155 sxs Class "G" cement

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 139 jts. (5998.59')  
HOLE SIZE: 7-7/8"  
DEPTH LANDED: 5998'  
CEMENT DATA: 275 sk Prem. Lite II mixed & 550 sxs 50-50 POZ  
CEMENT TOP AT: 7' per CBI

TUBING

SIZE GRADE WT: 2-7/8" J-55 6.5#  
NO. OF JOINTS: 176 jts. (5704.10')  
NO. OF JOINTS: 2 jts. (65.15')  
TUBING ANCHOR: 5779.25' KB  
NO. OF JOINTS: 1 jt. (32.60')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5814.65' KB  
NO. OF JOINTS: 1 jt. (32.48')  
TOTAL STRING LENGTH: EOT @ 5848.68'

SUCKER RODS

POLISHED ROD: 1 1/2" x 22'  
SUCKER RODS: 4-1 1/2" weight rods, 20-3/4" scraper rods, 118-3/4" plain rods, 90-3/4" scraper rods, 1-4" x 3/4" pony rod  
PUMP SIZE: 2 1/2" x 1 1/2" x 14" RHAC  
STROKE LENGTH: 75"  
PUMP SPEED: SPM 7 spm  
LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBI

FRAC JOB

2/01/01	5938'-5976'	<b>Frac CP-4 sands as follows:</b> Frac with 73,750# 20/40 sand in 590 bbls Viking 1-25 fluid. Perfs broke down @ 4059 psi. Treat at 1950 psi @ 28 BPM. ISIP 2400 psi
2/01/01	5756'-5658'	<b>Frac CP/LDC sands as follows:</b> Frac with 140,500# 20/40 sand in 941 bbls Viking 1-25 fluid. Treated at avg 2480 psi @ 30.4 BPM. ISIP 2350 psi. flow back on 12-64 choke @ 1 BPM for 5.5 hrs then died.
2/02/01	5472'-5530'	<b>Frac LDC-2 sands as follows:</b> Frac with 200,000# 20/40 sand in 1311 bbls Viking 1-25 fluid. Perfs broke down @ 3983 psi. Treated @ 2340 psi at 30.6 BPM. ISIP 2351 psi. Flow back on 12-64" choke at 1 BPM. flowed for 8 hrs then died
2/06/01	5407'-5240'	<b>Frac A sands as follows:</b> Frac with 65,500# 20/40 sand in 267 bbls Viking 1-25 fluid. ISIP 3250 psi
2/06/01	4990'-5142'	<b>Frac C- B-2 sands as follows:</b> Frac with 137,000# 20/40 sand in 566 bbls Viking 1-25 fluid. Flow back at 1 BPM for 2.5 hours
11/16/01		Install gas anchor. Update rod and tubing details
06/29/04		Parted Rods. Update Tubing and rod details
12/16/04	5125'-5142'	<b>Frac re-existing B2 sands as follows:</b> 49,670# 20/40 sand in 406 bbls Lightning 17 fluid. Treated @ avg press of 3675 psi w avg rate of 14.3 BPM. ISIP 1650 psi. Calc flush: 1318 gal Actual flush: 1264 gal
12/17/04	4572'-4584'	<b>Frac PB10 sands as follows:</b> 44,350# 20/40 sand in 394.5 bbls Lightning 17 fluid. Treated @ avg press of 2208 psi w avg rate of 24.2 BPM. ISIP 2520 psi. Calc flush: 4570 gal Actual flush: 4359 gal
12/17/04	4343'-4350'	<b>Frac GB6 sands as follows:</b> 23,969# 20/40 sand in 261 bbls Lightning 17 fluid. Treated @ avg press of 2331 psi w avg rate of 24.6 BPM. ISIP 2160 psi. Calc flush: 4341 gal Actual flush: 4120 gal
12/17/04	4286'-4296'	<b>Frac GB4 sands as follows:</b> 47,954# 20/40 sand in 402 bbls Lightning 17 fluid. Treated @ avg press of 2405 psi w avg rate of 24.5 BPM. ISIP 2575 psi. Calc flush: 4284 gal Actual flush: 4284 gal

PERFORATION RECORD

4990'-4995'	4 JSPF	36 holes
5006'-5010'	4 JSPF	124 holes
5125'-5142'	4 JSPF	36 holes
5233'-5240'	4 JSPF	64 holes
5355'-5358'	4 JSPF	20 holes
5407'-5412'	4 JSPF	36 holes
5472'-5510'	4 JSPF	36 holes
5526'-5530'	4 JSPF	124 holes
5633'-5653'	4 JSPF	36 holes
5662'-5676'	4 JSPF	64 holes
5756'-5762'	4 JSPF	20 holes
5938'-5950'	4 JSPF	36 holes
5972'-5976'	4 JSPF	36 holes
12/16/04	4572'-4584'	4 JSPF
12/17/04	4343'-4350'	4 JSPF
12/17/04	4286'-4296'	4 JSPF

NEWFIELD

West Point #12-6-9-16

532' FWL &amp; 1994' FSI

NW SW Section 6-T9S-R16E

Duchesne Co, Utah

API #43-013-31765; Lease #U1U-74390

1K 03/11/05

## Ashley Unit #14-1-9-15

Spud Date: 9/23/98

Put on Production: 10/22/98  
GL: 5976' KB: 5986'

Initial Production: 33 BOPD;  
392 MCFD; 11 BWPD

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (290')  
DEPTH LANDED: 300'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 140 sxs Class "G" cmt, & 100 sxs Class "G" neat, est 12 bbls to surf.

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 136 jts. (5972')  
SET AT: 5981'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 260 sxs Premium modified mixed & 310 sxs class G  
CEMENT TOP AT: 630' per cement bond log (Schlumberger)

#### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 185 jts. (5663.1' KB)  
TUBING ANCHOR: 5673.1' KB  
NO. OF JOINTS: 3 jts.  
SEATING NIPPLE: 2-7/8"  
SN LANDED AT: 5795.9' KB  
NO. OF JOINTS: 2 jt.  
TOTAL STRING LENGTH: EOT @ 5797.0'

#### SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM  
SUCKER RODS: 6 - 1-1/2" wt rods, 3/4" x 2'-8" pony rod, 96-3/4 guided rods top 50, 109-3/4 slick rods, 20-3/4 guided rods btm 10  
PUMP SIZE: 2-1/2" x 1-1/2" x 14 x 16' RHAC Pump  
STROKE LENGTH: 156"  
PUMP SPEED, SPM: 4 SPM

#### FRAC JOB

10/14/98 5728'-5780' Frac CP-1 sand as follows:  
112,000# 20/40 sand in 541 bbls Viking I-25 fluid. Perfs broke back @ 3710 psi. Treated @ avg press of 1710 psi w/avg of 29 BPM. ISIP: 2800 psi, 5-min 2570 psi. Flowback on 12/64 choke for 4 hours and died.

10/16/98 5217'-5229' Frac A-1 sand as follows:  
Well screened out @ 2604 gal into flush, getting 98,594# of 20/40 sand in formation and leaving 17,298# sand in casing, used 503 bbls of Viking I-25 fluid. Perfs broke down @ 2170 psi. Treated @ avg press of 2750 psi w/avg rate of 28.7 bpm. ISIP psi, 5-min 2400 psi. Flowback on 12/64" choke for 2 hours and died.

10/19/98 4963'-5083' Frac B-1 sand as follows:  
116,853# 20/40 sand in 568 bbls Viking I-25 fluid. Perfs broke back @ 2600 psi. Treated @ avg press of 1850 psi w/avg of 32 BPM. ISIP: 2500 psi, 5-min 2251 psi. Flowback on 12/64 choke for 2 hours and died.

8/27/01 details. Pump change. Update rod and tubing

9/21/01 details. Pump change. Update rod and tubing

10/2/01 details. Pump change. Update rod and tubing

1/28/02 details. Pump change. Update rod and tubing

8/15/08 Major workover. Rod & tubing updated.

8/14/09 Pump Change. Updated rod & tubing detail.

Cement Top@ 630'

4963'-72'

5062'-73'

5081'-83'

5217'-29'

Anchor @ 5673'

5728'--38'

5763'-72'

5774'-80'

SN @ 5796'  
EOT @ 5797'  
Sand PBTD 5824'  
PBTD @ 5912'  
TD @ 6001'

#### PERFORATION RECORD

10/13/98	5728'-5738'	4 JSPF	40 holes
10/13/98	5763'-5772'	4 JSPF	36 holes
10/13/98	5774'-5780'	4 JSPF	24 holes
10/15/98	5217'-5229'	4 JSPF	44 holes
10/17/98	4963'-4972'	4 JSPF	36 holes
10/17/98	5062'-5073'	4 JSPF	40 holes
10/17/98	5081'-5083'	4 JSPF	8 holes



Ashley Unit #14-1-9-15  
1783 FWL & 833 FSL  
SESW Section 1-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32002; Lease #U-74826

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DF 10/5/09



Spud Date: 9/1/98  
 Put on Production: 9/30/98  
 Put on Injection: 04/24/00  
 GL: 5951' KB: 5961'

## Ashley Unit 15-1-9-15

Initial Production: 71 BOPD;  
 128 MCFD; 1 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 8 jts.(322')  
 DEPTH LANDED: 332'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 140 sxs Class "G" cmt, est 6 bbls to surf.

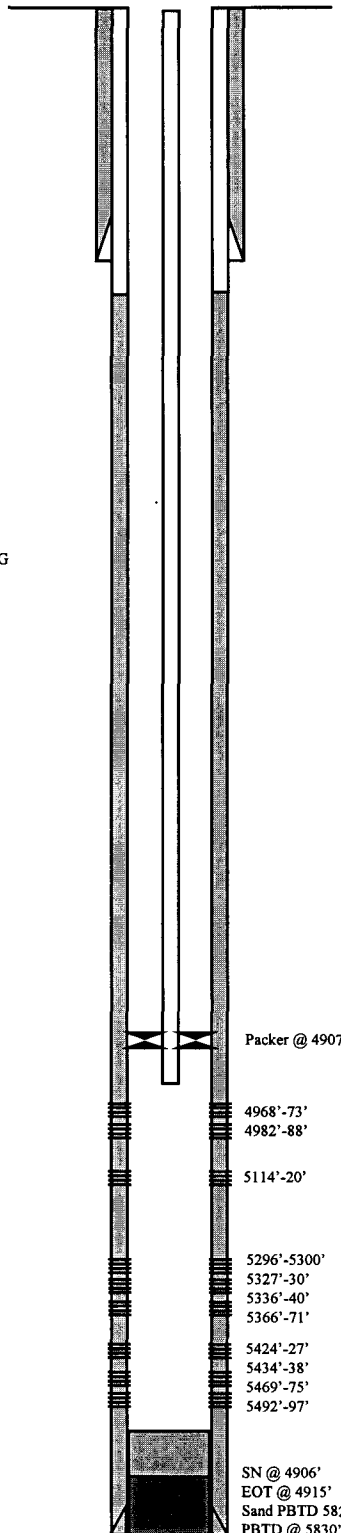
PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 137 jts. (5927')  
 SET AT: 5936'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Premium modified mixed & 360 sxs class G  
 CEMENT TOP AT: 648' per cement bond log(Schlumberger)

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 158 jts (4906.1')  
 SEATING NIPPLE: 2-7/8"  
 SN LANDED AT: 4906.1'  
 CE @ 4907'  
 TOTAL STRING LENGTH: 4915'

LOGS: DIGL/SP/GR/CAL  
 SDL/DSN/GR

Injection Wellbore  
DiagramFRAC JOB

9/17/98 5296'-5497' **Frac A-3 & LODC sands as follows:**  
 142,060# 20/40 sand in 671 bbls  
 Viking I-25 fluid. Perfs broke back @  
 3580 psi. Treated @ avg press of 2300  
 psi w/avg rate of 42.2 BPM. ISIP: 2700  
 psi, 5-min 2233 psi. Flowback on 12/64  
 choke for 4 hours and died.

9/19/98 5114'-5120' **Frac B-2 sand as follows:**  
 41,400# 20/40 sand in 231 bbls Viking  
 I-25 fluid. Perfs broke back @ 2450 psi.  
 Pressure increased to 2850 psi before  
 dropping back to 2250 psi when sand  
 hit perfs. With sand on perfs pressure  
 increased rapidly to max pressure.  
 Screened out w/6.2# sand on pers. Est  
 14,469# sand in formation, 26,931#  
 sand left in casing. Flowback on 12/64  
 choke for 2-1/2 hours and died.

9/22/98 4968'-4988' **Frac C-SD sand as follows:**  
 105,000# 20/40 sand in 525 bbls  
 Viking I-25 fluid. Perfs broke back @  
 3550 psi. Treated @ avg press of 1900  
 psi w/avg rate of 26 BPM. ISIP: 2470  
 psi, 5-min 1770 psi. Flowback on 12/64  
 choke for 4 hours and died.

04/08/00 Convert to injection well  
 04/10/00 Conversion MIT Finalized  
 03/23/05 5 yr MIT  
 1/29/2010 5-Year MIT Performed. Tubing detail  
 updated.

PERFORATION RECORD

9/17/98	5296'-5300'	2 JSPF	8 holes
9/17/98	5327'-5330'	2 JSPF	6 holes
9/17/98	5336'-5340'	2 JSPF	8 holes
9/17/98	5366'-5371'	2 JSPF	10 holes
9/17/98	5424'-5427'	2 JSPF	6 holes
9/17/98	5434'-5438'	2 JSPF	8 holes
9/17/98	5469'-5475'	2 JSPF	12 holes
9/17/98	5492'-5497'	2 JSPF	10 holes
9/18/98	5114'-5120'	4 JSPF	24 holes
9/22/98	4968'-4973'	4 JSPF	20 holes
9/22/98	4982'-4988'	4 JSPF	24 holes



Ashley Unit 15-1-9-15  
 1783 FEL 797 FSL  
 SWSE Section 1-T9S-R15E  
 Duchesne Co, Utah  
 API # 43-013-32003; Lease # U-74826

SN @ 4906'  
 EOT @ 4915'  
 Sand PBTD 5828'  
 PBTD @ 5830'  
 TD @ 5950'

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Spud Date: 12/29/2009  
Put on Production: 02/02/2010  
GL: 5898' KB: 5910'

## West Point Federal N-6-9-16

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 6 jts. (265.03')  
DEPTH LANDED: 321.43'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cml

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 154 jts. (6296.51')  
HOLE SIZE: 7-7/8"  
DEPTH LANDED: 6311.12'  
CEMENT DATA: 275 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
CEMENT TOP AT: 136'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 190 jts (5958.5')  
TUBING ANCHOR: 5970.5'  
NO. OF JOINTS: 2 jts (62.9')  
SEATING NIPPLE: 2-7/8" (1.1')  
SN LANDED AT: 6036.2' KB  
NO. OF JOINTS: 1 jts (31.5')  
GAS ANCHOR: 3-1/2" = 6068.7'  
TBG NIPPLE: 2-7/8" = 6073.9'  
NO OF JOINTS: 3 jts (94.6')  
TOTAL STRING LENGTH: EOT @ 6169'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 30'  
SUCKER RODS: 1 - 2" x 7/8", 1 - 6" x 7/8" pony rods, 236 - 7/8"  
8 per guided rods = 5900', 4 - 1-1/2" sinker bar.  
PUMP SIZE: 2 1/2 x 1 1/4 x 21' x 24' RHAC  
STROKE LENGTH: 122  
PUMP SPEED: 5 SPM

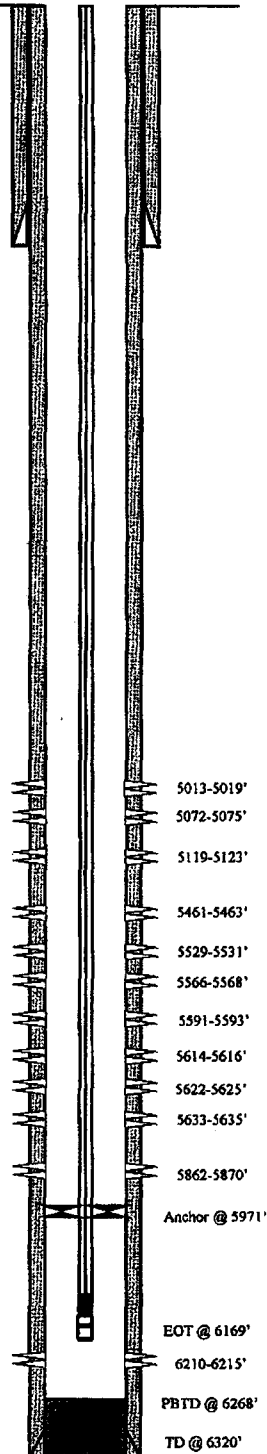
### FRAC JOB

02-03-10 6210-6215' Frac CP5 sands as follows: Frac with 10747# 20/40 sand in 89 bbls Lightning 17 fluid.  
02-03-10 5862-5870' Frac CP.5 sands as follows: Frac with 20180# 20/40 sand in 174 bbls Lightning 17 fluid  
02-03-10 5461-5635' Frac A3 & LODC sands as follows: Frac with 150746# 20/40 sand in 937 bbls Lightning 17 fluid.  
02-03-10 5013-5123' Frac D2, D3, & C sands as follows: Frac with 54111# 20/40 sand in 332 bbls Lightning 17 fluid.

### PERFORATION RECORD

6210-6215'	3 JSPP	15 holes
5862-5870'	3 JSPP	24 holes
5633-5635'	3 JSPP	6 holes
5622-5625'	3 JSPP	9 holes
5614-5616'	3 JSPP	6 holes
5591-5593'	3 JSPP	6 holes
5566-5568'	3 JSPP	6 holes
5529-5531'	3 JSPP	6 holes
5461-5463'	3 JSPP	6 holes
5119-5123'	3 JSPP	12 holes
5072-5075'	3 JSPP	9 holes
5013-5019'	3 JSPP	18 holes

Cement Top @ 136'



### NEWFIELD

West Point Federal N-6-9-16

2030' FSL & 545' FWL (NW/SW)

Section 6, T9S, R16E

Duchesne Co, Utah

API # 43-013-34077; Lease # UTU-74390

**Multi-Chem Group, LLC**

Multi-Chem Analytical Laboratory  
1553 East Highway 40  
Vernal, UT 84078

multi-chem®

**Water Analysis Report**Production Company: **NEWFIELD PRODUCTION (158)**Sample ID: **WA-53130**Well Name: **Ashley IF**Sample Point: **tank**Sample Date: **1 /7 /2011**Sales Rep: **Monty Frost**Lab Tech: **Peter Poulsen**

Sample Specifics	
Test Date:	1/24/2011
Temperature (°F):	100
Sample Pressure (psig):	
Specific Gravity (g/cm³):	1.0017
pH:	7.98
Turbidity (NTU):	-
Calculated T.D.S. (mg/L)	6217
Molar Conductivity (µS/cm):	9420
Resistivity (Mohm):	1.0616

Analysis @ Properties in Sample Specifics			
Cations		mg/L	Anions
Calcium (Ca):		34.57	Chloride (Cl):
Magnesium (Mg):		18.40	Sulfate (SO₄):
Barium (Ba):		7.62	Dissolved CO₂:
Strontium (Sr):		-	Bicarbonate (HCO₃):
Sodium (Na):		2218.00	Carbonate (CO₃):
Potassium (K):		-	H₂S:
Iron (Fe):		0.32	Phosphate (PO₄):
Manganese (Mn):		0.02	Silica (SiO₂):
Lithium (Li):		-	Fluoride (F):
Aluminum (Al):		-	Nitrate (NO₃):
Ammonia NH₃:		-	Lead (Pb):
			Zinc (Zn):
			Bromine (Br):
			Boron (B):

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate CaCO₃		Gypsum CaSO₄ · 2H₂O		Calcium Sulfate CaSO₄		Strontium Sulfate SrSO₄		Barium Sulfate BaSO₄		Calculated CO₂
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
Temp °F	Gauge Press. psi											
100		4.86	11.91	0.00	-2023.00	0.00	-2138.60	-	-	2.71	6.25	0.26
80	0	3.61	8.98	0.00	3.62	0.00	-2280.60	-	-	4.10	8.00	0.13
100	0	4.86	11.91	0.00	7.31	0.00	-2138.70	-	-	2.71	6.25	0.16
120	0	6.11	14.46	0.00	10.28	0.00	-1932.90	-	-	1.83	4.19	0.17
140	0	7.38	16.89	0.00	12.81	0.00	-1692.50	-	-	1.27	1.80	0.20
160	0	8.59	19.05	0.00	14.86	0.00	-1442.00	-	-	0.89	-0.93	0.22
180	0	9.63	20.78	0.00	16.27	0.00	-1199.60	-	-	0.64	-4.03	0.24
200	0	10.46	21.95	0.00	16.91	0.00	-977.39	-	-	0.47	-7.51	0.24
220	2.51	10.94	22.56	0.00	16.78	0.00	-789.27	-	-	0.34	-11.65	0.25
240	10.3	11.20	22.38	0.00	15.91	0.00	-621.34	-	-	0.25	-16.09	0.25
260	20.76	11.19	21.60	0.00	14.67	0.00	-481.36	-	-	0.19	-21.06	0.25
280	34.54	10.93	20.30	0.00	13.32	0.00	-367.07	-	-	0.14	-26.63	0.26
300	52.34	10.47	18.65	0.00	11.99	0.01	-275.34	-	-	0.11	-32.87	0.26

**Conclusions:**

Calcium Carbonate scale is indicated at all temps from 80°F to 300°F

Gypsum Scaling Index is negative from 80°F to 300°F

Calcium Sulfate Scaling Index is negative from 80°F to 300°F

Strontium Sulfate scaling was not evaluated

Barium Sulfate NO CONCLUSION

**Notes:****RECEIVED****APR 11 2011****DIV. OF OIL, GAS & MINING**



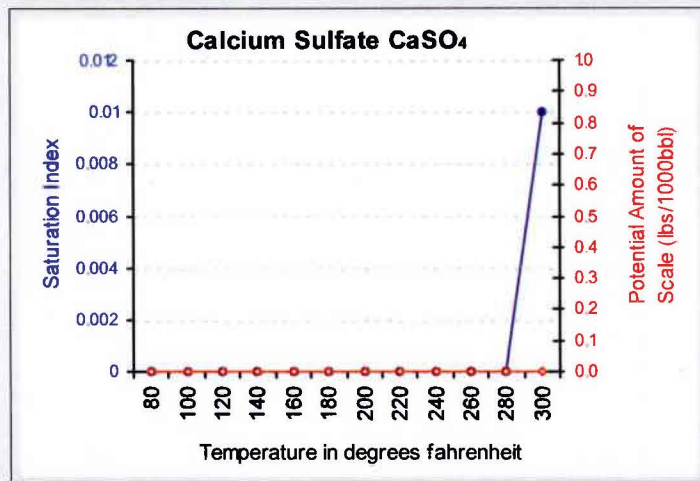
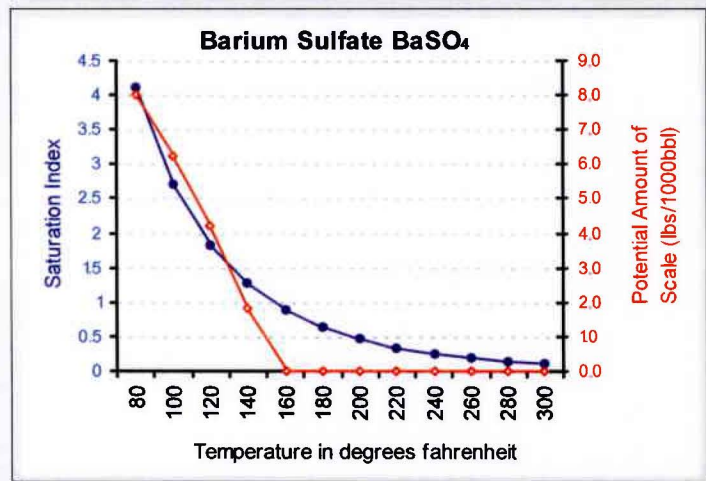
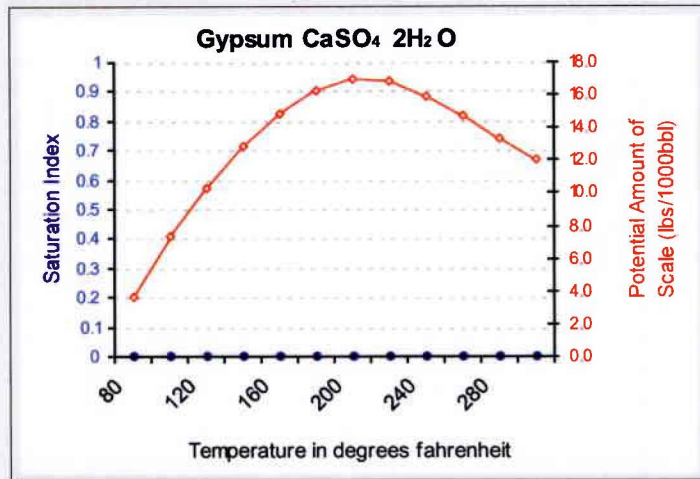
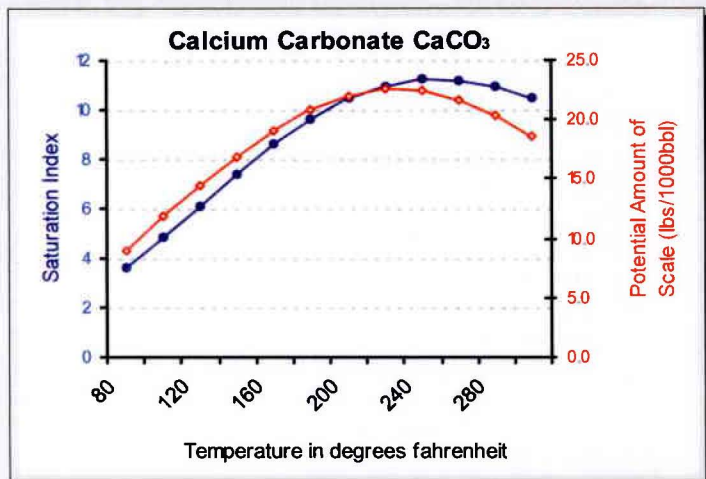
**Multi-Chem Group, LLC**

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

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**Scale Prediction Graphs**Well Name: **Ashley IF**Sample ID: **WA-53130****RECEIVED****APR 11 2011****DIV. OF OIL, GAS & MINING**

## Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory  
1553 East Highway 40  
Vernal, UT 84078

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### Water Analysis Report

Production Company: **NEWFIELD PRODUCTION (158)**

Sample ID: **WA-52893**

Well Name: **Ashley 10-1-9-15**

Sample Date: **1/12/2011**

Sales Rep: **Monty Frost**

Lab Tech: **John Keel**

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date: #####		Cations	mg/L	Anions	mg/L
Temperature (°F):	100	Calcium (Ca):	16.00	Chloride (Cl):	5000.00
Sample Pressure (psig):		Magnesium (Mg):	4.90	Sulfate (SO <sub>4</sub> ):	27.00
Specific Gravity (g/cm <sup>3</sup> ):	1.0050	Barium (Ba):	34.90	Dissolved CO <sub>2</sub> :	-
pH:	7.56	Strontium (Sr):	-	Bicarbonate (HCO <sub>3</sub> ):	1317.00
Turbidity (NTU):	-	Sodium (Na):	3692.00	Carbonate (CO <sub>3</sub> ):	-
		Potassium (K):	-	H <sub>2</sub> S:	1.00
		Iron (Fe):	0.30	Phosphate (PO <sub>4</sub> ):	-
Calculated T.D.S. (mg/L):	10093	Manganese (Mn):	0.20	Silica (SiO <sub>2</sub> ):	-
Molar Conductivity (µS/cm):	15293	Lithium (Li):	-	Fluoride (F):	-
Resistivity (Mohm):	0.6539	Aluminum (Al):	-	Nitrate (NO <sub>3</sub> ):	-
		Ammonia NH <sub>3</sub> :	-	Lead (Pb):	-
				Zinc (Zn):	-
				Bromine (Br):	-
				Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate		Gypsum		Calcium Sulfate		Strontium Sulfate		Barium Sulfate		Calculated
		CaCO3		CaSO4•2H2O		CaSO4		SrSO4		BaSO4		CO2
Temp °F	Gauge Press. psi	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
100		1.00	-0.02	0.00	-2389.10	0.00	-2515.40	-	-	24.27	47.23	0.95
80	0	0.74	-2.14	0.00	-12.31	0.00	-2674.60	-	-	36.88	49.74	0.45
100	0	1.00	-0.02	0.00	-8.35	0.00	-2515.40	-	-	24.27	47.23	0.56
120	0	1.26	1.75	0.00	-5.35	0.00	-2281.60	-	-	16.33	44.37	0.62
140	0	1.53	3.33	0.00	-3.07	0.00	-2006.10	-	-	11.20	41.15	0.70
160	0	1.79	4.68	0.00	-1.43	0.00	-1717.50	-	-	7.83	37.54	0.79
180	0	2.02	5.76	0.00	-0.37	0.00	-1437.00	-	-	5.56	33.50	0.86
200	0	2.21	6.54	0.00	0.22	0.00	-1178.60	-	-	4.00	28.99	0.87
220	2.51	2.34	7.01	0.00	0.44	0.00	-960.51	-	-	2.86	23.63	0.88
240	10.3	2.43	7.21	0.00	0.49	0.00	-763.43	-	-	2.10	17.90	0.90
260	20.76	2.46	7.21	0.00	0.43	0.00	-598.35	-	-	1.56	11.49	0.91
280	34.54	2.45	7.04	0.00	0.32	0.00	-462.92	-	-	1.17	4.30	0.93
300	52.34	2.39	6.73	0.00	0.20	0.01	-353.70	-	-	0.88	-3.78	0.95

#### Conclusions:

Calcium Carbonate scale is indicated. See graph for appropriate temperature

Gypsum Scaling Index is negative from 80°F to 300°F

#### Notes:

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Multi-Chem Production Chemicals

Ethics

Commitment

Page 1 of 4

Excellence

Friday, January 28, 2011

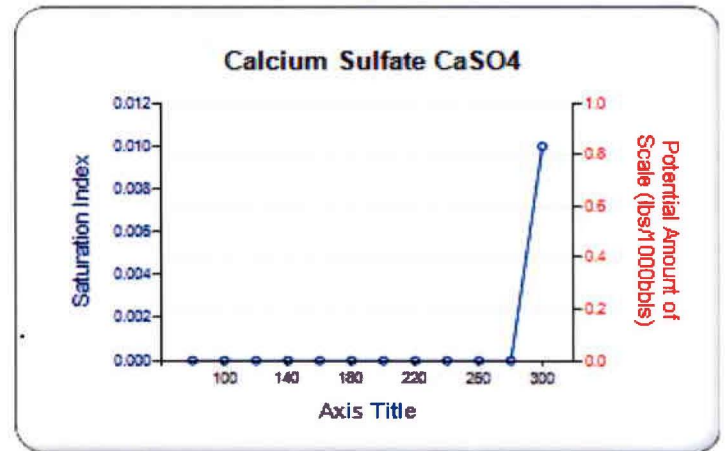
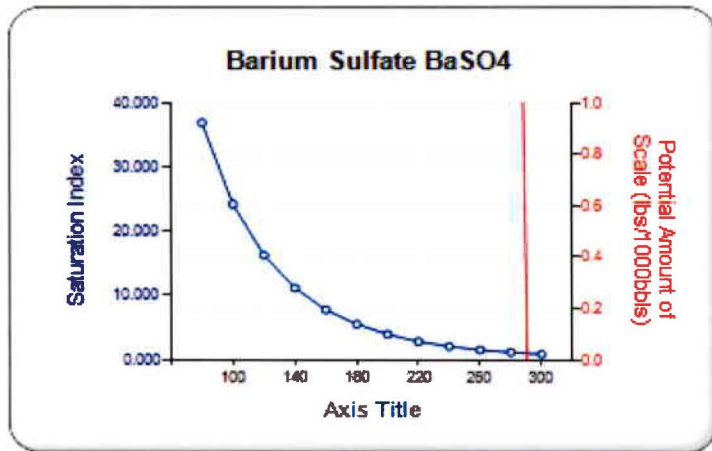
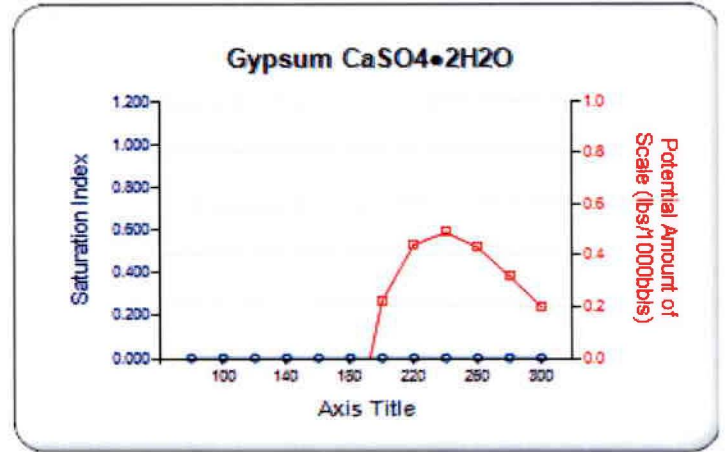
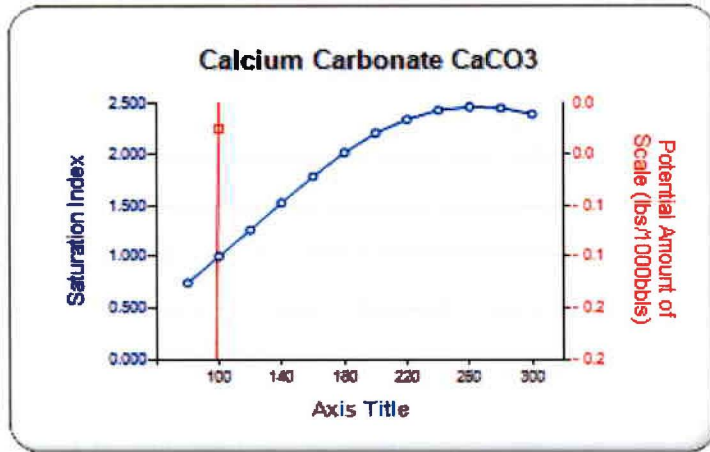
Innovation



Calcium Sulfate Scaling Index is negative from 80°F to 300°F  
 Strontium Sulfate scaling was not evaluated  
 Barium Sulfate NO CONCLUSION

ATTACHMENT F

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**Attachment "G"**

**Ashley #10-1-9-15  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5704	5849	5777	2328	0.84	2291
5242	5402	5322	4114	1.22	4080
5043	5139	5091	2093	0.85	2060 ←
4822	4840	4831	2938	1.04	2907
				<b>Minimum</b>	<u>2060</u>

**Calculation of Maximum Surface Injection Pressure**

$P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$   
 where pressure gradient for the fresh water is .433 psi/ft and  
 specific gravity of the injected water is 1.015.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$

**Please note:** These are existing perforations; additional perforations may be added during the actual conversion procedure.

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**ATTACHMENT**G-1  
1093**Daily Completion Report**

**ASHLEY FEDERAL 10-1**  
NW/SE Sec. 1, 9S, 15E  
Duchesne Co., Utah  
API # 43-013-31825

Spud Date: 7/15/97  
TD: 5950'  
Completion Rig: Basin #2

**8/4/97 PO: Perf CP sand. (Day 1)**

Summary: 8/3/97 – MIRU Basin #2. NU BOP's. TIH w/bit, 5-1/2" scraper & 187 jts 2-7/8" J-55 tbg. PBTD @ 5892'. RU pump & circ well w/60 bbls wtr. Set EOT @ 5867'. Test csg to 3000 psi (held good). RU swab, swab FL to 5300'. TOH w/tbg & bit & scraper. SIFN.

DC: \$3,144 TWC: \$149,039

**8/5/97 PO: Perf A sand. (Day 2)**

Summary: 8/4/97 – TP: 0, CP: 0. RU HLS. Perf CP sand @ 5779-86', 5804-08' & 5839-49' w/4 jsp. PU 106 jts of 2-7/8" 6.5# N-80 tbg & RTTS pkr. Set pkr @ 3314. Fill csg w/52 BW. Test pkr to 2000 psi. RU Halliburton. Hold 2000 psi on csg. Frac CP sand down tbg w/110,800# of 20/40 sd in 508 bbls of Boragel. Broke down @ 3259 psi. Treated w/ave rate 30.5 bpm & ave press 6450 psi. ISIP 2328 psi – 5 min 1931 psi. Flow well back @ 1 BPM. Recovered 125 bbls in 3-1/2 hrs (25% of load). SIFN. Est. 383 BWTR.

DC: \$47,673 TWC: \$196,712

**8/6/97 PO: Frac A sand. (Day 3)**

Summary: 8/5/97 – TP: 400, CP: 0. Blew gas off tbg. Release pkr. TOH w/tbg. LD pkr. TIH w/tbg & BV plug. Set plug @ 5459'. Pressure test plug to 3000 psi. Held. RU swab eq. IFL @ sfc. Made 12 runs recovered 100 BW. FFL @ 4700'. TOH w/tbg. RU HLS & perf A sand @ 5242-50', 5322-30' & 5390-5402' w/4 jsp. TIH w/RTTS pkr & tbg to 5205'. RU swab eq. IFL @ 4700'. Made 7 runs recovered 17 BW (25% oil cut). FFL @ 4700'. FSR 10 bph w/FOC 25%. TOH w/tbg & set pkr @ 3314'. Fill csg w/52 BW. Test pkr to 2500#. Held. SIFN w/est 444 BWTR.

DC: \$6,294 TWC: \$203,006

**8/7/97 PO: Perf B sand. (Day 4)**

Summary: 8/6/97 – RU Halliburton & frac A sand w/116,900# 20/40 sd in 461 bbls Hybor gel. Job screened out w/9.1 ppg @ perms. Est 94,300# sand in formation 22,600# sand in tbg & csg. Broke down @ 2637 psi. Treated w/ave rate 34.8 bpm w/ave press 4500 psi. ISIP 4114 psi (screen out). Release pkr. Try to circ frac gel out of tbg. Could not get fluid to move @ 2000#. TOH w/tbg & pkr. TIH w/rot. head to 3157'. Circ well clean. TIH below perms @ 5200'. Press test plug to 3000#. Held. SIFN w/est 955 BWTR. (Lost 50 bbls during circ.)

DC: \$28,382 TWC: \$231,388

**8/8/97 PO: Frac B sand. (Day 5)**

Summary: 8/7/97 – RU swab eq. IFL @ sfc. Recovered 96 BW. FFL @ 4500'. TOH w/tbg. RU HLS. RIH w/4" perf gun. Perf B sand @ 5043-48', 5073-90' & 5134-39' w/4 jsp. TIH w/RTTS pkr to 5016'. RU swab eq. IFL @ 4500'. Made 5 runs, recovered 10 BW. FFL @ 5000'. TOH to 3314'. Set pkr & fill csg w/52 BW. Pressure test csg to 2500 psi. SIFN w/est 901 BWTR.

DC: \$5,223 TWC: \$236,611

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## Daily Completion Report – Page Two

**ASHLEY FEDERAL 10-1**  
NW/SE Sec. 1, 9S, 15E  
Duchesne Co., Utah  
API # 43-013-31825

Spud Date: 7/15/97  
TD: 5950'  
Completion Rig: Basin #2

**8/9/97 PO: Perf D sand. (Day 6)**

Summary: 8/8/97 – TP: 100, CP: 0. Attempted to pressure test pkr. No test. LD 1 jt tbg. Reset RTTS pkr @ 3283'. Press csg up to 2000 psi. (Held) (52 BW to fill csg) RU Halliburton & frac B sand via tbg w/122,900# of 20/40 sand in 509 bbls of Boragel. Break down @ 4750 psi. Treated @ ave rate of 28 bpm w/ave press of 6856 psi. ISIP: 2093 psi, 5 min: 2033 psi. Flow back @ 1 bpm. Recovered 145 bbls in 3-1/2 hrs. (28% of load) SIFN w/est 1317 BWTR.  
DC: \$26,760 TWC: \$263,371

**8/10/97 PO: Frac D sand. (Day 7)**

Summary: 8/9/97 – TP: 0, CP: 0. Release pkr. TOH & LD pkr. TIH w/5-1/2" BV plug. Set plug @ 4890'. Pressure test plug to 3000 psi. Swab well down from sfc to 4300'. Recovered 92 BW. TOH. RU HLS. Perf D sand @ 4822-29' & 4834-40' w/4 jsf. TIH w/RTTS pkr to 4795'. RU swab eq. IFL @ 4300'. Made 5 runs, recovered 10 BW. FFL @ 4750'. TOH to 3282'. Set pkr. Fill csg w/51 BW. Pressure test pkr to 2500 psi. SIFN w/est 1266 BWTR.  
DC: \$5,049 TWC: \$268,420

**8/11/97 SD for Sunday.****8/12/97 PO: Pull plugs. (Day 8)**

Summary: 8/11/97 – TP: 200, CP: 0. Pressure csg annulus to 2500 psi. RU Halliburton & frac D sand dn tbg w/104,000# of 20/40 sd in 461 bbls of Boragel. Break dn @ 3271 psi. Treated w/ave rate of 25.8 bpm w/ave press of 5100 psi. ISIP: 2938 psi, 5 min SI: 2676 psi. Flow back @ 1 bpm. Recovered 160 bbls in 4 hrs. (35% of load.) SIFN w/est 1567 BWTR.  
DC: \$24,349 TWC: \$292,769

**8/13/97 PO: Swab test well. (Day 9)**

Summary: 8/12/97 – Release pkr. TOH (LD N-80 tbg). TIH w/J-55 tbg & retrieving head. Tag sand @ 4830'. CO sand to BV plug @ 4890'. Release plug. TOH & LD DP. TIH w/RH. Tag sand @ 5090'. CO sand to plug @ 5200'. Release plug. TOH & LD plug. TIH w/RH. Tag sand @ 5279'. CO sand to plug @ 5459'. Release plug. TOH & LD plug. TIH w/NC. Tag sand @ 5732'. CO to PBTD @ 5892'. TOH to 5768'. SIFN w/est 1647 BWTR. Lost 80 BW during circ.  
DC: \$6,631 TWC: \$299,400

**8/14/97 PO: Flow test. (Day 10)**

Summary: 8/13/97 – RU swab eq. IFL @ sfc. Made 22 runs. Well started flowing. Flowed for 3 hrs @ 60 bph. Turn well to prod tanks flowing on a 12/64" choke. FTP 450#. (Flow through night.) Prod total for this morning (8/14) is as follows: 652 BTF, Est 412 BW & 240 BO. Flowing est. 15 bph, FTP: 800 psi, SICP: 1400 psi & FOC 90%. SIFN w/est 1307 BWTR.  
DC: \$1,841 TWC: \$301,241

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ATTACHMENT G-1  
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**Daily Completion Report – Page Two**

**ASHLEY FEDERAL 10-1**  
NW/SE Sec. 1, 9S, 15E  
Duchesne Co., Utah  
API # 43-013-31825

Spud Date: 7/15/97  
TD: 5950'  
Completion Rig: Basin #2

**8/15/97 PO: Flow test well. (Day 11)**

Summary: 8/14/97 – CP: 1400. Flow test 24 hrs on 12/64 choke. Production @ 8:00 am. FTP: 800 psi, SICP: 1400 psi. Est. 66 BO, 0 BW. Strong gas through 12/64 choke. SIFN w/est 1307 BWTR.  
DC: \$2,025 TWC: \$303,266

**8/16/97 PO: PU rods. Place well on production. (Day 12)**

Summary: 8/15/97 – FTP: 840, CP: 1400. Circ well w/170 BW holding 100 psi. Lost 100 BW, rec est 30 BO. TIH w/tbg. Tag fill @ 5887' (5' fill). TOH w/tbg. TIH w/prod string as follows: NC, 2 jts tbg, perf sub, SN, 3 jts tbg, TA, 179 jts 2-7/8" 8rd 6.5# J-55 tbg. ND BOP. Set TA @ 5647' w/SN @ 5742' & EOT @ 5810'. Land tbg w/10,000# tension. NU well head. SIFN w/est 1407 BWTR.  
DC: \$1,965 TWC: \$305,231

**8/17/97 PO: On Production. (Day 13)**

Summary: 8/16/97 – TP: 0, CP: 0. Flush tbg w/30 bbls hot wtr. PU & TIH w/rod string as follows: 2-1/2" x 1-1/2" x 15' RHAC pmp, 4 – 1" scraped rods, 125 – 3/4" plain rods, 100 – 3/4" scraped rods, 1 – 8', 1 – 4' x 3/4" pony rods, 1-1/2" x 22' polished rod. Seat pmp. Fill tbg w/5 BW. Press test pmp & tbg to 400 psi. Stroke pmp up to 800 psi. Good pmp action. RDMO. **PLACE WELL ON PRODUCTION @ 2:20 PM, 8/16/97 W/74" SL @ 8 SPM.** Est 1442 BWTR.  
DC: \$108,233 TWC: \$413,464

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## **ATTACHMENT H**

### **WORK PROCEDURE FOR PLUGGING AND ABANDONMENT**

1. Set CIBP @ 4772'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 178' balance plug using 21 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Perforate 4 JSPF @ 347'
6. Plug #4 Circulate 98 sx Class "G" cement down 5 ½" and up the 5 ½" x 8 5/8" annulus

The approximate cost to plug and abandon this well is \$42,000.

Ashley Federal #10-1-9-15

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## Ashley Federal #10-1-9-15

Spud Date: 7/15/97

Put on Production: 8/16/97

GL: 5381' KB: 5391'

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (287.73')

DEPTH LANDED: 297.43'

HOLE SIZE: 12-1/4"

CEMENT DATA: 155 sxs Premium cmt, est 8 bbls to surf.

Initial Production: 115

BOPD, 83 MCFPD, 3 BWPD

Proposed P & A  
Wellbore DiagramPRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

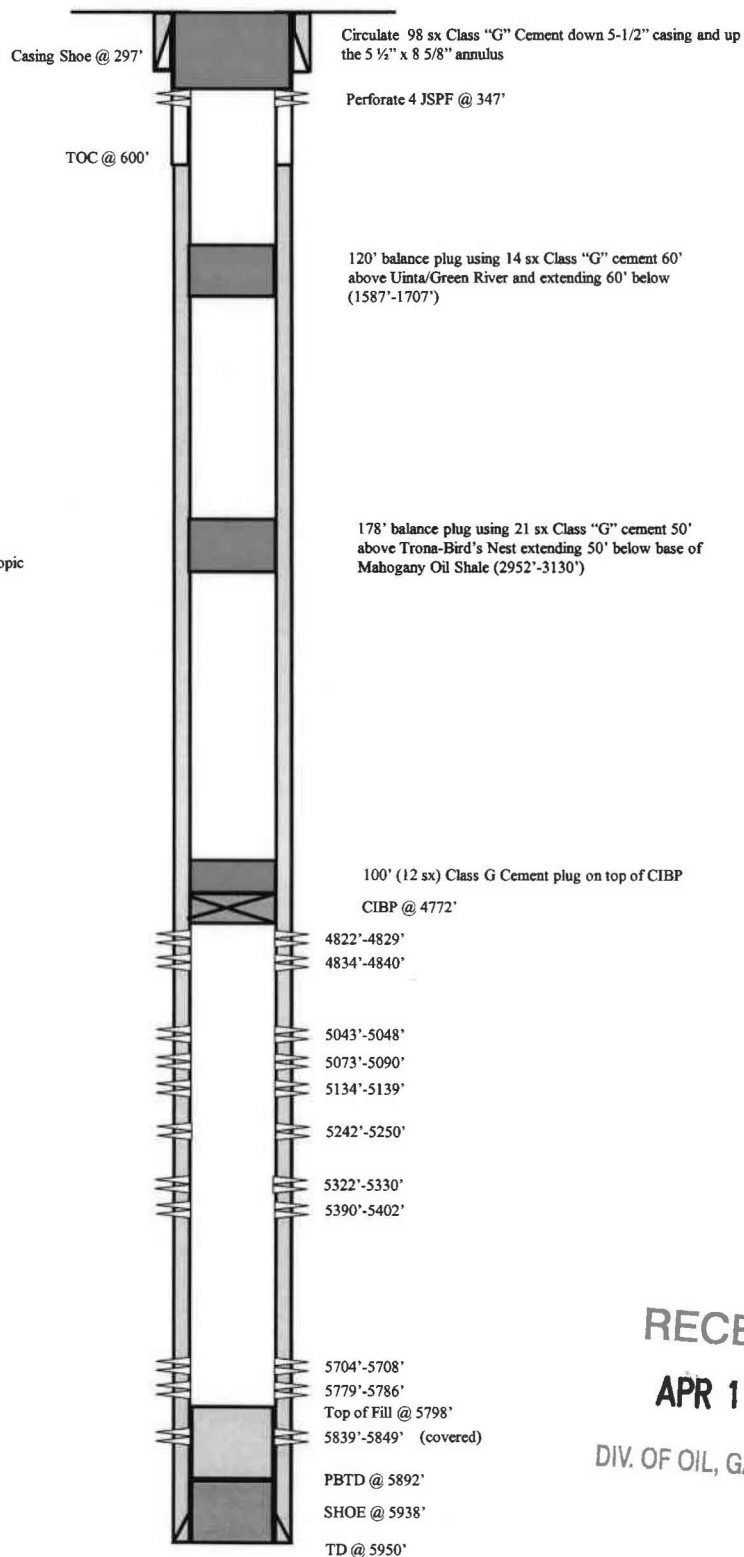
LENGTH: 141 jts. (5927.70')

DEPTH LANDED: 5938.02' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 325 sxs Hibond mixed &amp; 305 sxs thixotropic

CEMENT TOP AT: 600'



**Ashley Federal #10-1-9-15**  
 1955' FSL 1764' FEL  
 NW/SE Section 1-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-31825; Lease #UTU-74826

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630  
Myton, UT 84052

3b. Phone (include area code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1955 FSL 1764 FEL

NWSE Section 1 T9S R15E

5. Lease Serial No.

USA UTU-74826

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

GMBU

8. Well Name and No.

ASHLEY FED 10-1

9. API Well No.

4301331825

10. Field and Pool, or Exploratory Area

GREATER MB UNIT

11. County or Parish, State

DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from producing oil well to an injection well.

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I hereby certify that the foregoing is true and correct (Printed/ Typed)

Title

Regulatory Technician

Jill Loyle

Signature

Date

04/04/2011

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)